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Post-processing: Minimum Match 0%
Maximum Match 100%
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length: 2000000000
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    Issued_Patents_AA:*
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US-09-489-039A-13376
US-09-540-236-3623
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US-09-328-352-7106
US-09-489-039A-10125
US-09-489-039A-10125
US-09-489-039A-104
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6371, Ap

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3623, Ap

3623, Ap

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APPLICANT: Ruoslahti, Erkki
APPLICANT: MacKenna, Deidre A.
FITLE OF INVENTION: Heart Homing Peptides and Met
TITLE OF INVENTION: Using Same
FILE REFERENCE: P-LJ 3512
CURRENT APPLICATION MUMBER: US/09/326,718
CURRENT FILING DATE: 1999-06-07
NUMBER OF SEQ ID NOS: 15
SOFTWARB: FastSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 7
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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; TYPE: PRT ; ORGANISM: Klebsiella pneumoniae US-09-489-039A-13376
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                                                 APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLERIC ACID AND AMINO ACID SEQUENCES RELATING
TITLE OF INVENTION: PURCHERIC ACID AND THERAPEUTICS
TITLE OF INVENTION: PURCHWONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT FILLING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 13376
LENGTH: 502
TYPER: DET.
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Best Local S
Matches 7
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US-09-638-937-11
US-09-638-937-2302-2
US-09-489-039A-9480
US-09-489-039A-13740
US-09-489-931A-32663
US-09-041-236-4
US-09-771-467C-4
US-09-771-467C-4
US-09-134-01C-3196
US-09-134-01C-3196
US-09-489-039A-8722
US-09-489-039A-8722
US-09-489-039A-7771
US-09-489-039A-7771
US-09-489-039A-7771
US-08-448-398-7
US-09-134-000C-5472
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Pred. No. 3e+05;
Mismatches
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Minimum DB Maximum DB

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Total number

Database

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Sequence:

Scoring table:

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APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobett, S.
APPLICANT: Glordano, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human Pr
FILE REFERENCE: GENSET, 054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILLING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: PATENT.pm
SEQ ID NO 6871
LENGTH: 146
TYPE: PRT
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US-09-540-236-3623
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US-09-328-352-7106
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PACETI NO. SECONDER OF THY PACETION:

APPLICANT: Gary L. Breton et al.

APPLICANT: Gary L. Breton et al.

APPLICANT: OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING
                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 3623, Application US/09540236
PATENT NO. 6673910
GENERAL INFORMATION:
APPLICANT: Gary L. Breton et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO MORAXELLA CATARTITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 3840
SEQ ID NO 3623
LENGTH: 1318
                                                                         Sequence 7106, Application US/09328352 Patent No. 6562958
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Best Local :
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CURRENT APPLICATION NUMBER: US/09/540,236
CURRENT FILING DATE: 2000-04-04
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ORGANISM: M.catarrhalis
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Local Similarity 71.4%;
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83.3%;
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Pred. No. 45;
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Pred. No. 3.
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                                                                                                                          US-09-540-236-3484
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                                                     Query Match
Best Local S
Matches 5
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CURRENT FILING DATE: 2000-04-04
NUMBER OF SEQ ID NOS: 3840
SEQ ID NO 3484
LENGTH: 73
TYPE: PRT
                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: GATY L. Breton et al.
APPLICANT: GIVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO MORAXELLA CAT
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2005-001
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SEQ ID NO 8500
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Patent No. 6673910
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Best Local (
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR PILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
                                                                                                                                             ORGANISM: M.catarrhalis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
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1 GGGVFW 6
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                                                     Score 34; DB Pred. No. 49; O; Mismatches
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Pred. No. 3.7e+02;
1; Mismatches 1
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Pred. No. 3.1e+02;
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FILE REPERENCE: 2709.2004001

CURRENT APPLICATION NUMBER: US/09/489,039A

CURRENT FILING DATE: 2000-01-27

PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR FILING DATE: 1999-01-29

INVMBER OF SEQ ID NOS: 14342

SEQ ID NO 9319

LENGTH: 559

TYPE: PRT

ORGANISM: Klebsiella pneumoniae

US-09-489-039A-9319
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                                                                                                                                                                                                                                                           RESULT 10
US-09-489-039A-10125
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US-09-328-352-7896
                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Gary Br
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SEQ ID NO 7896
LENGTH: 188
                                                                                                                                                                                                                Sequence 10125, Application US/09489039A Patent No. 6610836
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Matches 5; Conserv
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Patent No. 6610836
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Patent No. 6562958
APPLICANT: Gary Breton et. al

ITITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: PREUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 2709.2004001

CURRENT APPLICATION NUMBER: US/09/489,039A

CURRENT FILING DATE: 2000-01-27

PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR PILING DATE: 1999-01-29

NUMBER OF SEQ ID NOS: 14342
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CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
TITLE OF INVENTION: BAUMMANNII FOR DIAGNOSTICS AND THERAPEUTICS
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
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nes 5; Conserv
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83.3%;
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Pred. No. 3.6e+02;
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Pred. No. 1.2e+02;
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                                                      Sequence 1044, Application US/09198452A

Patent No. 6559294

Patent No. 6559294

PAPLICANT: Griffais, R.

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment TITLE OF INVENTION: and treatment of infection particular for the diagnosis, previous control of the provided previous provided previous provided p
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Best Local
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APPLICANT: Thorpe, Catherine J.
APPLICANT: Kinney, Anthony J.
APPLICANT: Famodu, Omolayo O.
TITLE OF INVENTION: STEROL METABOLISM ENZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               EARLIER APPLICATION NUMBER: 60/108,351
EARLIER FILING DATE: 1998-No. 6479733ember-13
NUMBER OF SEQ ID NOS: 30
SOFTWARE: Microsoft Office 97
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CURRENT FILING DATE: 1999-11-12
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APPLICANT: Odell, Joan
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ORGANISM: Chlamydia pneumoniae
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Pred. No. 1.6e+02;
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Pred. No. 1.4e+02;
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US-09-198-452A-1044

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CURRENT APPLICATION NUMBER: US/09/134,001C
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/064,964
PRIOR FILING DATE: 1997-11-08
PRIOR APPLICATION NUMBER: US 60/055,779
PRIOR APPLICATION NUMBER: US 60/055,779
PRIOR PILING DATE: 1997-08-14
NUMBER OF SEQ ID NOS: 5674
SEQ ID NO 4512
LENGTH: 263
TYPE: PRT
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APPLICANT: Gary Breton et. al
FITTLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
FITTLE OF INVENTION: PMEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489.039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 13636
LENGTH: 298
TYPE: PRT
ORGANISM: Klebsiella pneumoniae
US-09-489-039A-13636
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                       RESULT 15
US-09-522-714-14
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US-09-489-039A-13636
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US-09-134-001C-4512
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Best Local Similarity
Matches 5; Conserve
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APPLICANT: LYND DOUGETTE-Stamm et al
APPLICANT: LYND DOUGETTE-STAMM et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC-007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 13636, Application US/09489039A
Patent No. 6610836
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Best Local Similarity
Matches 5; Conserv
  Sequence 14, Application US/09522714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               119 GGVFW 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              109 GGGVIW 114
                                                                                                      241 GGGPFW 246
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                                                                                                                                               1 GGGVFW 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GGGVFW 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        h 75.0%; Score 33; DB 4; Le Similarity 100.0%; Pred. No. 2.5e+02; 5; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                       Conservative
                                                                                                                                                                                                    75.0%; Score 33; DB 4; Length 298; 83.3%; Pred. No. 2.8e+02;
                                                                                                                                                                                   0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 33; DB 4; Length 241; Pred. No. 2.3e+02; O; Mismatches 1; Indels
                                                                                                                                                                                       Mismatches
                                                                                                                                                                                     1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 263;
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                                                                                                                                                                                                                      ; TYPE: PRT; ORGANISM: Zea mays
US-09-522-714-14
Search completed: March 1, 2004, 16:59:05
Job time : 11.9268 secs
                                                                                                                                                                                                                                                                           SEQ ID NO 14
LENGTH: 301
                                                                                                                                               Matches
                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 6563020
                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 1100
CURRENT APPLICATION NUMBER: US/09/522,714
CURRENT FILING DATE: 2000-03-10
EARLIER APPLICATION NUMBER: 60/125,915
EARLIER FILING DATE: 1999-03-24
NUMBER OF SEQ ID NOS: 32
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Simmons, Carl R.
APPLICANT: Yalpani, Nasser
TITLE OF INVENTION: Maize Chitinases and Their Use in
TITLE OF INVENTION: Enhancing Disease Resistance in Crop Plants
FILE REFERENCE: 1100
                                                                                                                                           Local Similarity 66.7 es 4; Conservative
                                                                      152 GGGMYW 157
                                                                                                          1 GGGVFW 6
                                                                                                                                                               75.0%;
66.7%;
                                                                                                                                             2; Mismatches
                                                                                                                                                                 Score 33;
Pred. No.
                                                                                                                                                               2.9e+02;
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Result
No.
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Maximum DB
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Maximum Match 100%
Listing first 45 s
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Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OM protein - protein search, using
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                                                                                                                                                                                                                                                                                                                                                                                                                                 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                     Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   seq length:
seq length:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Published Applications AA:*

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

7: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

10: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

11: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

12: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

13: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

14: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

15: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

17: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
                                                                                                                                                                                                                                                                                                                                 Query
Match
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Gapop 10.0 , Gapext 0.5
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        84.1
81.8
81.8
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79.5
77.3
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Copyright (c) 1993 - 2004 Compugen Ltd
                                                                                                                                                                                                                                                                                                                                   Length
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  10 US-09-910-582B-2

9 US-09-881-752A-38

14 US-10-29-386-27774

9 US-09-925-00-119

14 US-10-260-212-2

15 US-10-369-493-3089

15 US-10-369-493-4508

15 US-10-369-493-4508

15 US-10-369-493-4508

15 US-10-369-493-4508

15 US-10-369-493-4508

15 US-10-369-493-4508

16 US-10-369-493-4508

17 US-10-369-493-4508

18 US-10-369-493-4508

19 US-10-369-493-4508

10 US-10-369-493-4508
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Sequence 1, Appli
Sequence 2, Appli
Sequence 38, Appli
Sequence 27774, A
Sequence 1419, Ap
Sequence 3089, Ap
Sequence 48, Appl
Sequence 1013, Ap
Sequence 7266, Ap
Sequence 4508, Ap
Sequence 4508, Ap
Sequence 4677, Ap
Sequence 18617, Ap
Sequence 702, App
Sequence 702, App
Sequence 1822, App
                                                                                                                                                                                                                                                                                                                               Description
                       S
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US-09-782-650-1
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ALIGNMENTS

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Sequence 1, Application US/09782650

Patent No. US20020019350A1

GENERAL INFORMATION:

APPLICANT: Metterer, Artur

APPLICANT: Metterer, Artur

APPLICANT: Scheiflinger, Friedrich

APPLICANT: Scheiflinger, Friedrich

APPLICANT: Mitterer, Artur

APPLICANT: Scheiflinger, Friedrich

APPLICANT: Mitterer, Artur

APPLICANT: Scheiflinger, Friedrich

APPLICANT: Scheiflinger, Friedrich

APPLICANT: Dorner, Friedrich

APPLICANT: Dorner, Friedrich

APPLICANT: Dorner, Friedrich

APPLICANT: MITTON INTERER: US/09/782,650

CURRENT APPLICATION NUMBER: US/09/782,650

CURRENT FILING DATE: 2001-02-12

PRIOR APPLICATION NUMBER: US 09/324,079

PRIOR FILING DATE: 1999-06-01

PRIOR APPLICATION NUMBER: US 09/327,045

PRIOR APPLICATION NUMBER: US 09/327,045

PRIOR FILING DATE: 2000-05-31

NUMBER OF SEQ ID NOS: 24

SOFTWARE: PAT

ORGANISM: Artificial Sequence

PEATURE:

OTHER INFORMATION: Description of Artificial Sequence: targeting

OTHER INFORMATION: molecule

US-09-782-650-1

Query Match

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps
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1 GGGVFWQ 7

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RESULT 4
US-10-029-386-27774
,; Sequence 27774, Application US/10029386
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Best Local Similarity
""" Conserve
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APPLICANT: MacKenna, Deidre A.
APPLICANT: MacKenna, Deidre A.
TITLE OF INVENTION: Heart Homing Conjugates
FILE REFERENCE: P-LJ 4857
CURRENT APPLICATION NUMBER: US/09/910,582B
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: US 09/326,718
PRIOR FILING DATE: 1999-06-07
NUMBER OF SEQ ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 2
US-09-910-582B-2
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                                                                                                                                                                                                                                                ; TYPE: PRT ; ORGANISM: Helicobacter pylori US-09-881-752A-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: synthetic construct US-09-910-582B-2
                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Identification of Polynucleotides
TITLE OF INVENTION: Encoding No. US20020115078A1el Helicobacter Polypeptides in
TITLE OF INVENTION: Genome
FILE REFERENCE: 06132/041002
CURRENT APPLICATION NUMBER: US/09/881,752A
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: US 08/833,457
PRIOR FILING DATE: 1997-04-01
NUMBER OF SEQ ID NOS: 370
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, Application US/09910582B Publication No. US20030045476A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 38, Application US/09881752A Patent No. US20020115078A1
                                                                                                                                                                             Matches
                                                                                                                                                                                               Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Kleanthous, Harold APPLICANT: Al-Garawi, Amal APPLICANT: Miller, Charles APPLICANT: Tomb, Jean-Franco:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                              ENGTH: 480
                                                                                                                                                                                           Local
                                                                                               130 GAGIFWO 136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 GGGVFWQ 7
                                                                                                                                                                         Similarity 5; Conserv
                                                                                                                                      GGGVFWQ 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Miller, Charles
Tomb, Jean-Francois
Oomen, Raymond P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 44; DB 10; nilarity 100.0%; Pred. No. 7.2e+05; Conservative 0; Mismatches 0;
                                                                                                                                                                             Conservative
                                                                                                                                                                                           84.1%;
                                                                                                                                                                                           Score 37;
Pred. No.
                                                                                                                                                                             Mismatches
                                                                                                                                                                     Db . 2.4e+02;
                                                                                                                                                                                                              Length 480;
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APPLICANT: Creaty Rosen,
APPLICANT: Steve Ruben
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA101
CURRENT APPLICATION NUMBER: US/09/925,300
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05988
PRIOR APPLICATION NUMBER: PCT/US00/05988
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1890
SEQ ID NO 1419
LENGTH: 280
TYDE: DRT
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RESULT 6
US-10-260-212-2
VS-10-260-212-2
/ Sequence 2, Application US/10260212
/ Publication No. US20030131380A1
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Best Local Similarity
~~~hes 5; Conserv:
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                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Homo sapiens US-09-925-300-1419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-925-300-1419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1419, Application US/09925300 Patent No. US20020151681A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Annomax Sequence Listing Engine vers. SEQ ID NO 27774
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL
TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
FILE REFERENCE: AEOMICA-X-2
CURRENT FILLING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: MAP TO AL138752.2
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 8.1
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 4.5
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 4.5
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 7.6
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 8.2
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 7.5
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 7.5
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 8.2
OTHER INFORMATION: SWISSPROT HIT: Q9NQT5, EVALUE 3.00e-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ENGTH: 158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity es 5; Conserv
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                                                                                                                                         101 GGGVYW 106
                                                                                                                                                                                   1 GGGVFW 6
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83.3%;
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Pred. No. 1.3e+02;
1; Mismatches 0;
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RESULT 8
US-10-48
US-10-431-273-48
; Sequence 48, Application US/10431273
; Publication No. US20030237108A1
; GENERAL INFORMATION:
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APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
APPLICANT: Chen, Xianfeng
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; TYPE: PRT
; ORGANISM: Coffea arabica
US-10-260-212-2
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CURRENT FILING DATE: 2002-08-27
PRIOR APPLICATION NUMBER: PCT/EP01/01549
PRIOR FILING DATE: 2001-02-13
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
1500 CO
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Best Local Similarity 71.4
5; Conservative
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APPLICANT: SOCIETE DES PRODUITS NESTLE S.A.
TITLE OF INVENTION: Coffee Mannanase
FILE REFERENCE: 88265-6783
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Best Local :
                                                       APPLICANT: Demmer, Jeroen
APPLICANT: Shenk, Michael Andrew
APPLICANT: Glenn, Matthew
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les 5; Conserv
                                                                                                                                                                                                                                                                        396 GGAVEWE 402
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No. US20030237108Alriss, Michael Geoffrey Saulsbury, Keith Martin Hall, Claire
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71.4%;
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; TYPE: PRT
; ORGANISM: Lolium perenne
US-10-431-273-48
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; PERS: PRT
; ORGANISM: Escherichia coli
US-09-815-242-10132
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                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/269,308
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10132
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TITLE OF INVENTION: Compositions isolated from forage
TITLE OF INVENTION: grasses and methods for their use.
FILE REFERENCE: 11000.1069U
CURRENT APPLICATION NUMBER: US/10/431,273
CURRENT FILING DATE: 2003-05-06
NUMBER OF SEQ ID NOS: 92
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 48
SEQ ID NO 48
                                                                              Matches
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Best Local Similarity
                                                                                                                   Query Match
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PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR PRIOR PRIOR NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
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CURRENT APPLICATION NUMBER: US/09/815.
CURRENT FILING DATE: 2001-03-21
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TITLE OF INVENTION: Identification of Essential Genes in
TITLE OF INVENTION: Pokaryotes
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649 GGGVNWQ 655
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6; Conserva
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                                      1 GGGVFWQ 7
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Xu, H. Howard
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Zyskind, Judith W.
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                                                                              Conservative
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Pred. No. 7.6e
0; Mismatches
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Pred. No. 6.7e+02;
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RESULT 10

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US-10-369-493-8677
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                                                                                     Sequence 8677, Application US/10369493 Publication No. US20030233675A1
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FILE REFERENCE: 38-10(5262)B

CURRENT APPLICATION NUMBER: US/10/369,493

CURRENT FILING DATE: 2003-02-28

PRIOR APPLICATION NUMBER: US/60/360,039

PRIOR PRILICATION NUMBER: US/60/360,039

PRIOR FILING DATE: 2002-02-21

NUMBER OF SEQ ID NOS: 47374

SEQ ID NO 4508

LENGTH: 173
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SEQ ID NO 7266
LENGTH: 150
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Publication No. US20030233675A1
                                                                    GENERAL INFORMATION:
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Best Local
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Matches 5; Conserv
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APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
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APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
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83.3%;
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Pred. No.
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Query Match
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Matches 5; Conserva
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TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
PILE REFERENCE: 38-10(52052)B
FILE REFERENCE: 38-10(52052)B
CURRENT FILING DATE: 2003-02-28
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 8677
LENGTH: DE 74

TYPE - DE 74

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APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
TITLE REFERENCE: 38-10(52052)B
TTTE REFERENCE: 38-10(52052)B
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LENGTH: 177
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APPLICANT: Strabala, Timothy
APPLICANT: Nieuwenhuizen, Nicolaas
APPLICANT: Nieuwenhuizen, Nicolaas
APPLICANT: Higgins, Colleen M.
TITLE OF INVENTION: Compositions Isolated from Plant Cells
TITLE OF INVENTION: and Their Use in the Modification of Plant Cell Signaling
FILE REPERNCE: 11000, 1020c2
CURRENT APPLICATION NUMBER: US/10/101,464A
CURRENT FILING DATE: 2002-03-18
PRIOR APPLICATION NUMBER: 09/704,302
PRIOR APPLICATION DATE: 2000-11-01
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CURRENT APPLICATION NUMBER: US(10/369,493
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
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83.3%;
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Pred. No. 3e+02;
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APPLICANT: Graff, Jonathon M.
APPLICANT: Muenster, Matthew
TITLE OF INVENTION: METHODS TO IDENTIFY SIGNAL SEQUENCES
FILE REFERENCE: A34943 090495.0243
CURRENT APPLICATION NUMBER: US/10/002,631C
CURRENT FILING DATE: 2001-10-31
PRIOR APPLICATION NUMBER: 60/300,309
PRIOR FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 324
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 122
LENGTH: 278
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: UNSURE
LOCATION: (1)...(269)
OTHER INFORMATION: Xaa = any amino acid
US-10-002-631C-122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 09/228,986
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 600/162,866
PRIOR APPLICATION NUMBER: ECT/US00/00724
PRIOR FILING DATE: 1999-11-01
PRIOR FILING DATE: 2000-01-11
NUMBER OF SEQ ID NOS: 989
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 702
SEQ ID NO 702
LENGTH: 238
TYPE: PRT
ORGANISM: Pinus radiata
US-10-101-464A-702
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US-10-002-631C-122

; Sequence 122, Application US/10002631C

; Publication No. US20030157486A1

; GENERAL INFORMATION:
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Search completed: March 1, 2004, 17:16:43
Job time: 23.1951 secs
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Best Local Similarity 83.3%;
Matches 5; Conservative
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Perfect score:
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Maximum DB
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Listing first 45 summaries
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/cgn2 6/ptodata/2/iaa/6B_COMB.pep:*
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/cgn2 6/ptodata/2/iaa/PCTUS_COMB.pep:*
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US-09-252-991A-2408

US-09-252-991A-2408

US-09-252-991A-1772

US-09-252-991A-27021

US-09-252-991A-27021

US-09-252-991A-27021

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US-09-252-991A-30056
US-09-252-991A-23391
US-09-645-055-54
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US-08-477-346-49
US-08-473-089-49
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US-09-252-991A-21289
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23391, Appl
13, Appl
13, Appl
125456, Appl
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21289, A
20831, A
28902, A
20256, A
54, Appl
17772, A
1, Appli
27021, A
22165, A
22165, A
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24088, A
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72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4
305	288	248	219	197	172	170	169	139	97	97	782	739	661	589	464	418	385
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US-09-489-039A-13384	US-09-252-991A-31433	US-09-252-991A-30679	91A-3	-183	-09-732-210-31	US-09-732-210-316	US-09-252-991A-24746	US-09-134-001C-5124	US-07-736-335E-25	US-09-047-125-25	S-09-252-	-09-2	US-09-252-991A-29083	-09-252-	US-09-252-991A-26212	US-09-252-991A-32677	US-09-328-352-5641
Sequence 13384	Sequence 31433	Sequence 30679	e 30	Ð	e 317,	e 316,	Sequence 24746	e 5124	æ	Sequence 25, A	e 3046	Sequence 27761	Sequence 29083	e 2883	e 26	e 326	Sequence 5641,
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ALIGNMENTS

GENERAL INFORMATION: APPLICANT: Ruoslahti, Erkki APPLICANT: Ruoslahti, Erkki APPLICANT: Ruoslahti, Deidre A. ITILE OF INVENTION: Heart Homing Peptides and Met TITLE OF INVENTION: Using Same FILE REFERENCE: P.LJ 312 CURRENT APPLICATION NUMBER: US/09/326,718 CURRENT FILING DATE: 1999-06-07 NUMBER OF SEQ ID NOS: 15 SOPTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 3 LENGTH: 7 OTHER INFORMATION: synthetic construct US-09-326-718-3 RESULT 1 US-09-326-718-3 Best Loc Matches Sequence 3, Application US/09326718 Patent No. 6303573 Query Match Best Local S TYPE: PRT ORGANISM: Artificial Sequence FEATURE: 1 HGRVRPH 7 7; Conserv 1 HGRVRPH Conservative 100.0%; 0 Score 43; DB 4; Pred. No. 3e+05; Mismatches DB 4; Methods 0 Length 7; c, 0 Gaps

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US-09-252-991A-21289

Sequence 21289, Application US/09252991A Patent No. 6551795

GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: MYENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.116
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 21289

LENGTH: 1: TYPE: PRT

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US-09-252-991A-20831
Sequence 20831, Applic
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. R
                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 198-02-18
PRIOR PLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 28802
LENGTH: 373
TYPE: PRT
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
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US-09-252-991A-28902
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS,
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 20831
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GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE:
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                                                                                           Local Similarity
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83.3%;
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; Pred. No. 7.5;
                                                                       1; Mismatches
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NOLECULE TYPE: protein
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PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 20256
LENGTH: 42°
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US-09-252-991A-20256
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Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
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CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: MATC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                             TELEFAX: (415) 324-090 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                      SEQUENCE CHARACTERISTICS:
LENGTH: 605 amino acid
                                                                                                                                                                                                       APPLICATION NUMBER: US/08/190,802A FILING DATE: 01-FEB-1994 CLASSIFICATION: 530 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 86
ELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TLE OF INVENTION:
LENGTH: 605 amino acids
TYPE: amino acid
TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity es 6; Conserv
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O. Box 60850
                                                                                                                   (415)
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                                                                                             324-0960
                                                                                                                   324-0880
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85.7%;
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Pred. No. 37;
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Best Local Similarity
Thickes 5; Conserve
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LENGTH: 605
TYPE: PRT
ORGANISM: Papio hamadryas
                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 49, Application US/08477346
Patent No. 6262023
CLASSIFICATION: 514
CLASSIFICATION DATA:
PRIOR APPLICATION UMBER: 08/487,072
APPLICATION NUMBER: 08/487,072
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
MTRASHIGE, KATE H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION: APPLICANT: Holtzman,
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Patent No. 6225
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CURRENT APPLICATION NUMBER: US/09/063,950C
CURRENT FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 9
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                                                                                                       ZIP: 20006-1812
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,346
FILING DATE: 07-UN-1995
                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Mochly-Rosen, Daria
APPLICANT: Ron, Dorit
TITLE OF INVENTION: WD-40 - Derived Peptides and Uses
TITLE OF INVENTION: Thereof
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CTTY: Washington
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hes 5; Conservative
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STREET: 2000 Pennsylvania Avenue, NW
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83.3%;
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83.3%;
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Pred. No.

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Pred. No.
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                        TELEFAX: (202) 887-076
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                           ZIP: 20006-1812
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                     MOLECULE TYPE:
                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 605 amino acid
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
                                         ANTI-SENSE: NO ORIGINAL SOURCE:
                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Mochly-Rosen, Dar
APPLICANT: Ron, Dorit
TITLE OF INVENTION: WD-40 -
TITLE OF INVENTION: Thereof
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ANTI-SENSE: NO
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CORRESPONDENCE ADDRESS:
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TYPE: amino acids
TOPOLOGY: UPT-
TLECHT
                                                                                                                                                                                                                   NAME: MURASHIGE, KATE H
REGISTRATION NUMBER: 29,
REFERENCE/DOCKET NUMBER
                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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nes 5; Conserv
                                                                                                    TOPOLOGY:
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NO
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83.3%;
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            Insulin-like growth factor binding protein complex, Fig. 32
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    Mismatches

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Pred. No. 53;
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US-08-487-072A-49
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US-08-487-072A-49
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Best Local Similarity
Thes 5; Conserve
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US-09-252-991A-30056
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                                                               Sequence 30056, Appl:
Patent No. 6551795
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION UMBER: US/08/487,072A
FILING DATE: 07-UN-1995
CLASSIFICATION: 514
ATTORNEY,AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 25,959
REFERENCE/DOCKET NUMBER: 2550-0025.20
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 10707MATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (202) 887-0763
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 605 amino acids
APPLICANT: MAIC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Ron, Dorit
TITLE OF INVENTION: Thereof
TITLE OF SEQUENCES: 265
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: protein HYPOTHETICAL: NO ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC Compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOTTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    unknown
                                                                                                  Application US/09252991A
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83.3%;
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                                                                                                                                                                                                                                                        Score 34; DB 4; Length 605; Pred. No. 53; 1; Mismatches 0; Indels
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GENERAL INFORMATION:
APPLICANT: CLARITY BIOSCIENCES, INC.
APPLICANT: CLARITY BIOSCIENCES, INC.
APPLICANT: Honeycutt, Rhonda
APPLICANT: Honeycutt, Rhonda
APPLICANT: McClelland, Michael
ITILB OF INVENTION: IDENTIFYING ORGANISMS BY DETECTING
ITILB OF INVENTION: INTRONIC ORGANISMS BY DETECTING
ITILB OF INVENTION: INTRONIC ORGANISMS BY DETECTING
ITILB OF INVENTION: UNMERS: US/09/645,055
ICURRENT APPLICATION NUMBER: US/09/645,055
ICURRENT FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: US 60/150,977
PRIOR FILING DATE: 1999-08-25
NUMBER OF SEQ ID NOS: 59
SOCITMARE: PastSEQ for Windows Version 4.0
SEQ ID NO 54
LENGTH: 225
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 12
US-09-252-991A-23391
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APPLICANT: MARC J. Rubenfield et al.
APPLICANT: MARC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US/09/252,991A
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
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SEQ ID NO 23391
LENGTH: 213
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LENGTH: 875
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
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Pred. No. 80;
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Pred. No. 27;
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RESULT 14

US-09-252-991A-22789

US-09-252-991A

Sequence 22789, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196.136

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR SEQ ID NOS: 33142

SEQ ID NO 22789

LENGTH: 511

TYPE: PRT

ORGANISM: Pseudomonas aeruginosa

US-09-252-991A-22789
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US-09-122-315C-13
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                                                                                                                                          ; OTHER INFORMATION: conserved region of PAP related amino acid sequence NAME/KEY: unsure ; LOCATION: (1)...(19) ; OTHER INFORMATION: unsure at all Xaa locations US-09-122-315C-13
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                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Michael W. Lassner
APPLICANT: Diane Ruezinsky
TITLE OF INVENTION: Plant Phosphatidic Acid Phosphatases
FILE REFERENCE: 17026/00/US
CURRENT APPLICATION NUMBER: US/09/122,315C
CURRENT FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 18
SOFTWARE: IBM PC: Windows NT 4.0; Microsoft Word for Windows 7.0a
SEQ ID NO 13
LENGTH: 19
TYPE: DET
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Best Local Similarity 71.4
Matches 5; Conservative
                                                      Query Match
Best Local Similarity
Matches 5; Conservat
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150 NGKVRPH 156
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| GRVRPH 7
                                                               Conservative
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; Pred. No. 29;
2; Mismatches
                                                           Score 32; DB 4; Length 19; Pred. No. 3; 1; Mismatches 0; Indels
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Result
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/ cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep: *
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/ cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep: *
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/cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pcp:*
/cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pcp:*
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/cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pcp:*
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US-10-369-493-16720
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US-09-782-980-62
US-09-867-550-486
US-09-867-550-486
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Sequence 2, Appli
Sequence 157, Appli
Sequence 157, Appli
Sequence 157, Appli
Sequence 19281, A
Sequence 19281, A
Sequence 62, Appli
Sequence 87, Appli
Sequence 17326, A
Sequence 17326, A
Sequence 230, Appli
Sequence 268, Appli
Sequence 268, Appli
Sequence 2693, Appli
Sequence 268, Appli
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ALIGNMENTS

RESULT 1 US-09-782-650-2

Sequence 2, Application US/09782650 Patent No. US20020019350A1

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GENERAL INFORMATION:
APPLICANT: Levine, Arnold J.
APPLICANT: Mitters, Artur
APPLICANT: Mitters, Artur
APPLICANT: Mitters, Falko-Guenter
APPLICANT: Scheiflinger, Friedrich
APPLICANT: Edwards LifeSciencee Corporation
TITLE OF INVENTION: Targeted Angiogenesis
FILE REFERENCE: 2053D-00661US
CURRENT APPLICATION NUMBER: US/09/782,650
CURRENT FILING DATE: 1999-06-07
PRIOR APPLICATION NUMBER: US 09/324,079
PRIOR FILING DATE: 1999-06-07
PRIOR FILING DATE: 1999-06-07
PRIOR FILING DATE: 2000-05-31
ROMBER: PRIOR FILING DATE: 1000-05-31
ROMBER: PATENTION NUMBER: US 09/327,045
PRIOR FILING DATE: 2000-05-31
PRIOR APPLICATION NUMBER: US 09/327,045
PRIOR FILING DATE: 2000-05-31
PRIOR FILING DATE: 2000-05-
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HGRVRPH

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GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

FILE REFERENCE: PALL3

CURRENT APPLICATION NUMBER: US/09/764,887

CURRENT FILING DATE: 2001-01-17

Prior application data removed - consult PALM or file wrapper

NUMBER OF SEQ ID NOS: 658

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 157

LENGTH: 90

TYPE: PRT

CRANISM: Homo sapiens

FEATURE:
NAME/KEY: SITE

NAME/KEY: SITE

LOCATION: (16)

OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

US-09-764-887-157
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US-09-910-582B-3
                                                       US-10-073-961-157
                                                                      RESULT 4
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PRIOR FILING DATE: 199-06-07
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
TENCTURE 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 157, Application No. US2002004; GENERAL INFORMATION:
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Publication No. US20030045476A1
GENERAL INFORMATION:
APPLICANT: Ruoslahti, Erkki
APPLICANT: MacKenna, Deidre A.
TITLE OF INVENTION: Heart Homing Conjugates
FILE REFERENCE: P-LJ 4857
Sequence 157, Application US/10073961
Publication No. US20030077602A1
GENERAL INFORMATION:
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TYPE: PRT
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Local Similarity 71.4%;
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PRIOR APPLICATION NUMBER: 60/214,886
PRIOR FILING DATE: 2000-06-28
PRIOR APPLICATION NUMBER: 60/217,487
PRIOR FILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/225,758
PRIOR FILING DATE: 2000-08-14
PRIOR PELING DATE: 2000-07-26
PRIOR FILING DATE: 2000-07-26
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CURRENT APPLICATION NUMBER: US/10/073,961
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/764,887
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 60/179,065
PRIOR APPLICATION NUMBER: 61/179,065
PRIOR FILING DATE: 2000-01-31
PRIOR FILING DATE: 2000-01-31
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PRIOR FILING DATE: 2000-02-04
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FILING DATE: 2000-08
APPLICATION NUMBER:
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FILING DATE: 2000-09-21
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                                                  APPLICATION NUMBER: 60/
FILING DATE: 2000-12-08
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APPLICATION NUMBER: 60/
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NUMBER: 60/229,344
                NUMBER: 60/251,868: 2000-12-08
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APPLICATION NUMBER: 60/229,287
FILING DATE: 2000-09-01
APPLICATION NUMBER: 60/229,513

FILING DATE: 2000-09-01
APPLICATION NUMBER: 60/229,345
FILING DATE: 2000-09-01

FILING DATE: 2000-09-01 APPLICATION NUMBER: 60/234,997 FILING DATE: 2000-09-25 APPLICATION NUMBER: 60/229,343

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RESULT 5
US-10-369-493-16720
; Sequence 16720, Application US/10369493
; Publication No. US20030233675A1
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Matches 5
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APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS
TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILE REFERENCE: 38-10(52052)B
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OR APPLICATION NUMBER: 60/249,297
OR APPLICATION NUMBER: 60/232,400
OR FILING DATE: 2000-09-14
OR APPLICATION NUMBER: 60/232,400
OR FILING DATE: 2000-09-08
OR FILING DATE: 2000-09-08
OR APPLICATION NUMBER: 60/232,080
OR APPLICATION NUMBER: 60/231,414
OR FILING DATE: 2000-09-08
OR APPLICATION NUMBER: 60/231,414
OR FILING DATE: 2000-09-08
OR APPLICATION NUMBER: 60/231,244
OR FILING DATE: 2000-09-08
OR APPLICATION NUMBER: 60/231,244
OR FILING DATE: 2000-09-14
OR APPLICATION NUMBER: 60/233,064
OR APPLICATION NUMBER: 60/233,064
OR APPLICATION NUMBER: 60/233,396
OR APPLICATION NUMBER: 60/232,397
OR FILING DATE: 2000-09-14
OR APPLICATION NUMBER: 60/232,397
OR APPLICATION NUMBER: 60/232,397
OR APPLICATION NUMBER: 60/232,397
OR APPLICATION NUMBER: 60/232,401
OR APPLICATION NUMBER: 60/241,806
OR APPLICATION NUMBER: 60/241,806
OR APPLICATION NUMBER: 60/241,806
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OR FILING DATE: 2000-11-17
OR APPLICATION NUMBER: 60/249,217
OR FILING DATE: 2000-11-17
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OR FILING DATE: 2000-11-17
OR FILING DATE: 2000-11-17
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R FILING DATE: 2000-11:
R APPLICATION NUMBER: (
R FILING DATE: 2000-11:
R APPLICATION NUMBER: (
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FILLING DATE: 2000-11-08
APPLICATION NUMBER: 60/231,243
FILING DATE: 2000-09-08
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FILING DATE: 2000-11-17
                                                                                                                                                                          INFORMATION:
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73 HGQTRPH 79
                                                                                                                                                                                                                                                                                                                                                                                                           n 81.4%;
Similarity 71.4%;
5; Conservative
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                                                PLANTS FOR PRODUCTION
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PRIOR

OR APPLICATION NUMBER: 60/249,216
OR FILING DATE: 2000-11-17
OR APPLICATION NUMBER: 60/249,216
OR APPLICATION NUMBER: 60/249,210
OR FILING DATE: 2000-11-17
OR APPLICATION NUMBER: 60/225,681
OR FILING DATE: 2000-08-12
OR APPLICATION NUMBER: 60/225,759
OR FILING DATE: 2000-08-14
OR APPLICATION NUMBER: 60/225,718
OR APPLICATION NUMBER: 60/225,213
OR FILING DATE: 2000-08-14
OR FILING DATE: 2000-08-14
OR FILING DATE: 2000-08-14
OR FILING DATE: 2000-08-14
OR APPLICATION NUMBER: 60/225,214
OR APPLICATION NUMBER: 60/225,214
OR APPLICATION NUMBER: 60/235,836
OR FILING DATE: 2000-09-06
OR APPLICATION NUMBER: 60/215,135
OR FILING DATE: 2000-08-14
OR APPLICATION NUMBER: 60/249,218
OR APPLICATION NUMBER: 60/249,213
OR FILING DATE: 2000-11-17
OR APPLICATION NUMBER: 60/249,212
OR APPLICATION NUMBER: 60/249,213
OR FILING DATE: 2000-11-17
OR APPLICATION NUMBER: 60/249,212

PRIOR PRIOR

PRIOR PILING DATE: 2000-09-05
PRIOR APPLICATION NUMBER: 60/231,413
PRIOR PILING DATE: 2000-09-06
PRIOR PILING DATE: 2000-09-05
PRIOR PILING DATE: 2000-09-05
PRIOR PILING DATE: 2000-09-05
PRIOR PILING DATE: 2000-09-05
PRIOR PILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/237,040
PRIOR PILING DATE: 2000-10-02
PRIOR PILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/240,960
PRIOR PILING DATE: 2000-10-13
PRIOR PILING DATE: 2000-10-10
PRIOR PILING DA

OR APPLICATION NUMBER: 60/237,039
OR FILING DATE: 2000-10-02
OR APPLICATION NUMBER: 60/237,038
OR FILING DATE: 2000-10-02
OR APPLICATION NUMBER: 60/236,370
OR FILING DATE: 2000-09-29
OR APPLICATION NUMBER: 60/236,802
OR FILING DATE: 2000-10-02
OR APPLICATION NUMBER: 60/237,037
OR APPLICATION NUMBER: 60/237,037
OR FILING DATE: 2000-10-02
OR APPLICATION NUMBER: 60/237,040
OR FILING DATE: 2000-10-02
OR APPLICATION NUMBER: 60/240,960
OR FILING DATE: 2000-10-02
OR APPLICATION NUMBER: 60/240,960
OR APPLICATION NUMBER: 60/239,935
OR APPLICATION NUMBER: 60/239,935
OR APPLICATION NUMBER: 60/239,937
OR FILING DATE: 2000-10-13
OR APPLICATION NUMBER: 60/239,937
OR FILING DATE: 2000-10-13
OR APPLICATION NUMBER: 60/2341,787
OR FILING DATE: 2000-10-13
OR APPLICATION NUMBER: 60/241,787

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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Cao, Yongwei

APPLICANT: Hinkle, Gregory J.

APPLICANT: Slater, Steven C.

APPLICANT: Slater, Steven C.

APPLICANT: Goldman, Barry S.

APPLICANT: Chen, Xianfeng

ITILE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF

ITILE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS

PILE REFERENCE: 38-10 (52052) B

CURRENT APPLICATION NUMBER: US/10/369,493

CURRENT APPLICATION NUMBER: US 60/360,039

PRIOR APPLICATION NUMBER: US 60/360,039

PRIOR FILING DATE: 2003-02-28

PRIOR FILING DATE: 2002-02-21

NUMBER OF SEQ ID NOS: 47374

SEQ ID NO 19281

LENGTH: 512

TYPE: PRT

ORGANISM: Myxococcus xanthus

US-10-369-493-19281
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US-10-369-493-19281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: PRT ; ORGANISM: Bacillus thuringiensis US-10-369-493-16720
                                                                                                                                                                                                                                                                                                                                         Patent No. US200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 16720
LENGTH: 419
LENGTH: 419
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APPLICANT: Holtzman, Douglas A.
APPLICANT: Gu, Wei
APPLICANT: White, David
APPLICANT: White, David
APPLICANT: White, David
APPLICANT: Pan, Yang
TITLE OF INVENTION: NOVEL ITALY, LOR-2, STRIFE, TRASH, BDSF, LRSG, AND
TITLE OF INVENTION: STWST PROTEIN AND NUCLEIC ACID MOLECULES AND USES
TITLE OF INVENTION: THEREFOR
TITLE REFERENCE: MNI-121CP
CURRENT APPLICATION NUMBER: US/09/782,980
CURRENT FILING DATE: 2001-02-13
PRIOR APPLICATION NUMBER: PCT/US00/02125
                                                                                                                                                                                                                                  APPLICANT: Khodadoust, Mehran M.
APPLICANT: MacBeth, Kyle J.
APPLICANT: Busfield, Samartha J.
APPLICANT: McCarthy, Sean A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      79.1%;
Local Similarity 71.4%;
tes 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
ses 6; Conserv
                                                                                                                                                                                                                                                                                                                        INFORMATION:
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Pred. No. 1.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 34; DB 15;
Pred. No. 2.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
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Matches
          Query Match
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FILE OF INVENTION.

FILE REFRENCE: SCH-1763
CURRENT APPLICATION NUMBER: US/10/131,410
CURRENT FILING DATE: 2002-04-25
PRIOR APPLICATION NUMBER: 09/646,673
PRIOR FILING DATE: 2000-09-20
PRIOR FELICATION NUMBER: PC/DE99/00908
PRIOR FILING DATE: 1999-03-19
PRIOR FILING DATE: 1999-03-19
NUMBER OF SEQ ID NOS: 202
NUMBER OF SEQ ID NOS: 202
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-131-410-87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: PRT
; ORGANISM: Papio hamadryas
US-09-782-980-62
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                                                                                                                                                                                                                                                                                                                                                     JENERAL INE APPLICANT: SPECH.,
APPLICANT: SPECH.,
APPLICANT: HINZMANN, BEAL.
APPLICANT: SCHMITT, ARMIN
PILARSKY, CHRISTIAN
PILARSKY, CHRISTIAN
ANDRE
ANDRE
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SEQ ID NO 62
LENGTH: 605
                                                                                       SOFTWARE: PatentIn Ver. SEQ ID NO 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 87, Application US/10131410 Publication No. US20030235915A1
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PRIOR APPLICATION NUMBER: 09/561,810
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: 09/087,121
PRIOR FILING DATE: 1998-05-29
PRIOR APPLICATION NUMBER: 09/672,721
PRIOR APPLICATION NUMBER: 09/672,721
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                                                                                                                                                                                                                                                                                                                APPLICANT: ROSENTHAL, ANDRE
TITLE OF INVENTION: HUMAN NUCLEIC ACID SEQUENCES FROM TISSUE OF BREAST
TITLE OF INVENTION: TUMORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 1998-03-27
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PRIOR APPLICATION NUMBER: 09/049,799
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PRIOR FILING DATE: 1999-01-27
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PRIOR APPLICATION NUMBER: 09/
PRIOR FILING DATE: 1999-11-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 1999-04-21
APPLICATION NUMBER: 09/063,950
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 09/086,892
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83.3%;
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Pred. No. 3e+02;
1; Mismatches
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76.78;

Score 33;

DB 15;

Length 100;

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RESULT 10
US-10-369-493-17326
Query Match
Best Local Similarity
Thehes 5; Conserva
                                                                                                    ORGANISM: Bacillus halodurans
US-10-369-493-17326
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                                                                                                               APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
IITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
IITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILE REFERENCE: 38-10(52022)B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT FILING DATE: 2003-02-28
PRIOR FILING DATE: 2003-02-28
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 17326
LENGTH: 249
LENGTH: 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 17326, Application US/10369493
Publication No. US20030233675A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Law, Debbie
APPLICANT: Topper, James
TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells
TITLE OF INVENTION: Thereby
FILE REFERENCE: 21402-013 (Cura-313)
CURRENT APPLICATION NUMBER: US/09/867,550
CURRENT FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: USSN 60/208,427
PRIOR APPLICATION NUMBER: USSN 60/208,427
PRIOR FILING DATE: 2000-05-30
RUMBER OF SEQ ID NOS: 2125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Leach, Martin D.
APPLICANT: Mehraban, Fuad,
APPLICANT: Conley, Pamela
APPLICANT: Law, Debbie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 86
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: wherein Xaa may be any
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: VARIANT
LOCATION: (13)
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Local Similarity 71.4%;
Les 5; Conservative
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                      Conservative
                                        74.48;
                    Score 32; DB 15; Length 249; Pred. No. 3e+02; 1; Mismatches 0; Indels
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1; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 86
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Best Local Similarity
Matches 5; Conserva
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PRIOR APPLICATION NUMBER: 60/227439
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: MBI-0022
PRIOR FILING DATE: 2001-11-16
PRIOR APPLICATION NUMBER: MBI-0023
PRIOR FILING DATE: 2001-04-17
NUMBER OF SEQ ID NOS: 516
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US-09-934-455-30
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; ORGANISM: Arabidopsis thaliana
US-09-934-455-30
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US-10-225-068-230
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SEQ ID NO 30
LENGTH: 308
                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 30, Application US/09934455
Publication No. US20030121070A1
               APPLICANT: Pined, Omaira
APPLICANT: YU, GUO-LIANG
APPLICANT: YU, GUO-LIANG
APPLICANT: Broun, Pierre B.
APPLICANT: Broun, Pierre B.
TITLE OF INVENTION: STRESS-RELATED POLYNUCLEOTIDES AND
TITLE OF INVENTION: POLYPEPTIDES IN PLANTS
FILE REFERENCE: 51444200240
CURRENT APPLICATION NUMBER: US/10/225,068
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: 60/310,847
PRIOR FILING DATE: 2001-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Pineda, Omaira
TITLE OF INVENTION: Genes for Modifying Plant Traits IV
FILE REFERENCE: MBI-0025
CURRENT APPLICATION NUMBER: US/09/934,455
CURRENT FILING DATE: 2001-08-22
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                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Mendel Biotechnology, Inc
APPLICANT: Reuber, T. Lynne
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 127 HGNVTPH 133
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Riechmann, Jose Luis
Heard, Jacqueline E.
Jiang, Cai-Zhong
Adam, Luc J.
Riech, Luc J.
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Jiang, Cai-Zhong
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Ratcliffe, Oliver
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Riechmann, Jose Luis
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PRIOR APPLICATION NUMBER: 10/171,468
PRIOR FILLING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 230
; LENGTH: 308
; TYPE: PRT
; ORGANISM: Arabidopsis thaliana
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LOCATION: (174)...(226)
OTHER INFORMATION: Conserved domain
US-10-225-068-230
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Best Local Similarity '71."
Thes 5; Conservative
SOFTWARE: Fac
SEQ ID NO 268
SEQ TO NO 308
                                                        NUMBER OF SEQ ID NOS: 2906
                                                                          PRIOR APPLICATION NUMBER: 10/225,068 PRIOR FILING DATE: 2002-08-09
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                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 09/934,455
PRIOR FILING DATE: 2001-08-22
                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: POLYMUCLEOTIDES AND POLYPEPTIDES IN PLANTS
TILE REFERENCE: MB1-0047 CIP
TURRENT APPLICATION NUMBER: US/10/374,780A
TURRENT FILING DATE: 2003-02-25
TRIOR APPLICATION NUMBER: 09/837,944
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                                                                                                                                                            APPLICATION NUMBER: 10/171,468
FILING DATE: 2002-06-14
APPLICATION NUMBER: 10/225,066
                                                                                                                                                                                                                                APPLICATION NUMBER: 60/338,692
                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/310,847 FILING DATE: 2001-08-09
                                                                                                              APPLICATION NUMBER: 10/225,067 FILING DATE: 2002-08-09
                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/336,049 FILING DATE: 2001-11-19
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FILING DATE: 2001-11-19
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FILING DATE: 2001-12-11
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                                                                                                                                               LING DATE: 2002-08-09
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                                         PatentIn
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Riechmann, Jose Luis
Jiang, Cai-Zhong
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Dubell III, Arnold T
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Guo-Liang
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71.48;
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; LENGTH: 318
; TYPE: PRT
; ORGANISM: Caenorhabditis elegans
US-10-369-493-6893
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cao, Yongwei APPLICANT: Hinkle, Gregory J.; APPLICANT: Hinkle, Gregory J.; APPLICANT: Slater, Steven C.; APPLICANT: Goldman, Barry S.; APPLICANT: Chen, Xianfeng
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US-10-369-493-6893
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Best Local Similarity 83.3
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PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 6893
LENGTH: 318
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Publication No. US20030233675A1
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Best Local
APPLICANT: MASUHO, YASUHIKO
TITLE OF INVENTION: NOVEL FULL-LENGTH cDNA
FILE REFERENCE: 084335/0160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: 38-10(52052)B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT FILING DATE: 2003-02-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS ITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES ILB REFERENCE: 38-10(52052)B
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                                                                 OTSÚKA, KAORU
NAGAI, KETICHI
IRIE, RYGITARO
TAMECHIKA, ICHIRO
SEKI, NAOHIKO
YOSHIKAWA, TSUTOMU
OTSUKA, MOTOYUKI
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YAMAMOTO, JULY
YOUKO
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WAKAMATSU, AI
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                                                  NAGAHARI, KENJI
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TO, JUN-ICHI
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Pred. No. 3
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Pred. No. 3.7e+02;
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CURRENT APPLICATION NUMBER: US/10/094,749

CURRENT FILING DATE: 2002-03-12

PRIOR APPLICATION NUMBER: 60/350,435

PRIOR APPLICATION NUMBER: 05/350,435

PRIOR APPLICATION NUMBER: 3002-01-24

PRIOR APPLICATION NUMBER: JP 2001-328381

PRIOR PILING DATE: 2002-01-24

PRIOR PILING DATE: 2001-09-14

NUMBER OF SEQ ID NOS: 3381

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 2951

LENGTH: 344

TYPE: PRT

ORGANISM: Homo sapiens

US-10-094-749-2951

Query Match

Best Local Similarity 71.4%; Score 32; DB 15; Length 344;

Best Local Similarity 71.4%; Pred. No. 4.1e+02;

Matches 5; Conservative 0; Mismatches 2; Indels 0; Gaps

OY 1 HGRVRPH 7

Db 184 HGGARPH 190

Search completed: March 1, 2004, 17:16:44

Job time: 23.1951 secs
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Result
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Perfect score:
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        protein search, using sw
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| length:
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Gapop 10.0 ,
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1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/backfiles1.pep:*
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     2004, 16:52:59; Search time 10.9268 Seconds (without alignments)
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US-09-134-001C-3766
US-09-52-991A-31768
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US-09-53-991A-28286
US-09-252-991A-28286
US-09-252-991A-29078
US-09-31-276-4
US-09-31-352-8068
US-09-328-31-369
US-09-328-31-369
US-09-328-31-242
US-08-888-207A-520
US-08-988-207A-520
US-09-328-31-8-104
US-09-328-31-8-106
US-09-328-31-8-110
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5256, Ap

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NESULT 2 US-09-114-001 Sequence 37 Patent No. GENERAL INF. GENERAL INF. APPLICANT: TITLE OF II TITLE OF II FILE REFER. CURRENT APPLICANT APPLICANT APPLICANT FILLI PRIOR APPLICANT APPLICA	Query Matc Best Local Matches Qy	RESULT 1 US-09-326-718 Sequence 4, Patent No. 6 GENERAL INFO APPLICANT: APPLICANT: APPLICANT: APPLICANT FILE OF IN FILE OF IN FILE REFERE CURRENT AP CURRENT AP CURRENT FI NUMBER OF S SOPTWARE; SEQ ID NO 4 ILENGTH: TYPE: PRT ORGANICM: FEATURE US-09-326-718	2223233333344444480800000000000000000000
CC-3766 66, Appli 680, Appli ANATION: DEMANION: LYAN DOU LYAN DATE: CATION N WG DATE: CATION N WG DATE: CATION N NG DATE: CATION N NG DATE: NG DATE	al Similarity al Similarity 7; Conserv 1 VVLVTSS 7 1 VVLVTSS 7	718-4 4, Applicati 6, 6305573 INFORMATION: WI: RIOSIAht WI: RIOSIAht WI: MacKenna F INVENTION: FERENCE: FILVENTION: FERENCE: FILVENTION FILING DATE: OF SEQ ID NOS E: FASUSEQ F PRT PRT PRT INFORMATION: TINFORMATION: 718-4	22 22 22 22 22 22 22 22 22 22 22 22 22
Ccation US/0913 CCETTE-Stamm et NUCLEIC ACID EPIDERMIDIS -007 NUMBER: US 080/0 1997-08-11 1998-08-14 S: 5674	100.0%; 100.0%; ative	C Ce Banna 32	C C C C C C C C C C C C C C C C C C C
4001C al and AMINO ACID FOR DIAGNOSTICS /134,001C 64,964 55,779	Score 29; DB 4; Pred. No. 3e+05; Pred. Mismatches	718 ng Peptides and 09/326,718 7 Version 4.0	US-08-581-918A-10 US-08-346-147B-10 US-08-822-936-10 US-08-497-214D-10 US-09-016-750C1-0 PCT-US95-04636-10 US-08-526-188-5 US-08-526-813-5 PCT-US95-08554-5 US-08-78-800-12 US-08-78-800-13 US-08-146-206C-23 US-09-916-745-3 US-09-800-170-13 US-09-800-170-13 US-08-146-2666-3 US-08-916-745-3 US-08-916-745-3
SEQUENCES RELATING AND THERAPEUTICS	Length 7; 0; Indels 0;	Methods of	Sequence
NG TO STAPHY	Gaps 0;		e 10, Appl e 10, Appl e 10, Appl e 10, Appl e 10, Appl e 10, Appl e 5, Appli e 5, Appli e 23, Appl e 23, Appl

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US-09-134-001C-5256
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                                                                                                                                                                       ; ORGANISM: Staphylococcus epidermidis US-09-134-001C-5256
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Staphylococcus epidermidis US-09-134-001C-3766
                                                                                                                                                                                                                      GENERAL INFORMATION: MUCLEIC ACID AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS TITLE OF INVENTION: MUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS TITLE OF INVENTION: EPILDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS TITLE REFERENCE: GTC-007

CURRENT APPLICATION NUMBER: US/09/134,001C

CURRENT FILING DATE: 1998-08-13

PRIOR APPLICATION NUMBER: US 60/064,964

PRIOR APPLICATION NUMBER: US 60/065,779

PRIOR FILING DATE: 1997-11-08

PRIOR FILING DATE: 1997-08-14

NUMBER OF SEQ ID NOS: 5674

SEQ ID NO 5256

LENGTH: 108
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APPLICANT: MATC J. Rubenfield et al.
APPLICANT: MATC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATI
TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196,136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
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LENGTH: 165
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                                                                                             Local Similarity
les 5; Conser
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                    14 VIVVISS 20
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NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
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71.4%;
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85.7%;
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                                                                                             Score 25; DB 4;
Pred. No. 2.3e+02;
2; Mismatches 0
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Pred. No. 2.2e+02
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Pred. No. 1e+02;
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US-08-961-083-170
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US-09-593-887-24
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MOLECULE TYPE: protein
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; LENGTH: 228
; TYPE: PRT
; ORGANISM: Rattus sp.
US-09-593-887-24
                                                NAME: Brookes, A. Anders
REGISTRATION NUMBER: 36,373
REFERENCE/DOCKET NUMBER: PB34
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 309-8504
TELEPHONE: (301) 309-8512
INFORMATION FOR SEQ ID NO: 170:
SEQUENCE CHARACTERISTICS:
LENGTH: 247 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 09/333,229
PRIOR FILING DATE: 1999-06-14
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin version 3.0
SEQ ID NO 24
SEQ ID NO 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 170, Application US/08961083
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Luchinskaya, Natalia
TITLE OF INVENTION: CAMELLO GENE FAMILY AND USES THEREOF
FILE REFERENCE: 63475/258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Belyavsky, Alexander APPLICANT: Popsueva, Anna
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CURRENT FILING DATE: 2000-06-14
                                                                                                                                                                                                                                                                FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                COMPUTER: HP Vectra 48
OPERATING SYSTEM: MSDO:
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
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CORRESPONDENCE ADDRESS:
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              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 20850
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linear
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            single
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100.0%; Pred. No. 4.9e+
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; MOLECULE TYPE: protein SEQUENCE DESCRIPTION: SEQ ID NO: 170: US-09-536-784-170
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Patent No. 6573082
GENERAL INFORMATION:
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FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                NAME: Michelle S. Marks
REGISTRATION NUMBER: 41,971
REFERENCE/DOKET NUMBER: PB340P3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 309-8504
TELEPHONE: (301) 309-8512
INFORMATION FOR SEQ ID NO: 170:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                             Local Similarity
mes 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local
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FILING DATE: OCT-30-1997
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
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ADDRESSEE: Human Genome Sciences,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Choi et. al.
TITLE OF INVENTION: Streptococcus pneumoniae Antigens and Vaccines
                                                                                                                                                                    80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   80 VVLVTKS 86
                                                                                                                                                                                                1 VVLVTSS 7
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                                                                                                                                                                  VVLVTKS 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/09/536,784
FILING DATE: 30-Oct-1997
CLASSIFICATION: CUNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage COMPUTER: HP Vectra 486/33 OPERATING SYSTEM: MSDOS version 6.2 SOFTWARE: ASCII Text
                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: Maryland
                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Rockville
                                                                                                                                                                                                                                                                                                                                                                                   ENGTH: 247 amino acids
                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                                                                            86.2%;
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                                                                                                                                                                                                                                              Score 25;
Pred. No.
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Best Local Similarity
"~*rhes 6; Conserva
                                                                                                                                                                                                                                                                                                                               RESULT 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: US-09-252-991A-28286
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Watches 5; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Pseudomonas aeruginosa US-09-252-991A-17277
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                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: AUCLEIC ACID AND
TITLE OF INVENTION: ARRUGINOSA FOR D
                                                                                                                                                                                                                                                                Sequence 29078, Application US/09252991A Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 28286
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
    FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
PRIOR FILING DATE: 1998-07-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 28286, Application US/09252991A
Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 17277
LENGTH: 361
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NAME/KEY: UNSURE
LOCATION: (421)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/252,991A CURRENT FILING DATE: 1999-02-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/094,190 PRIOR FILING DATE: 1998-07-27 NUMBER OF SEQ ID NOS: 33142
NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 199-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Pseudomonas aeruginosa
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                                                                                                                                                                                                                                                                                                                                                                                                 326 VLVTSS 331
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                86.2%; Score 25; ilarity 100.0%; Pred. No. Conservative 0; Mismatc
                                                                                                                                                     N: AERUGINOSA FOR DIAGNOSTICS 107196.136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Identity of amino acid at the above locations are unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 25; DB 4;
Pred. No. 7.7e+0;
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                                                                                                                                                                                               AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
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1e+03;
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SEQ ID NO 29078 LENGTH: 543

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RESULT 12
US-08-916-481-2
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US-09-321-276-4
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                                                                                                                                                                               Query Match
Best Local S
Matches 6
Sequence 2, Application US/08916481 Patent No. 6270991
GENERAL INFORMATION:
APPLICANT: Wallis, Nicola G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/09321276 Patent No. 6224869
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 554 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: WALLIS, NICOLA
TITLE OF INVENTION: NOVEL RESPONSE REGULATOR
NUMBER OF SECUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 609-520-3214
                                                                                                                                                                                                                                                                                                                                                                                                                                                             TTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity 100.0%; tes 6; Conservative
                                                                                                                                                                                 Local Similarity
les 6; Conserv
                                                                                                                                                                                                                                                                          LENGTH: 554 amino acids TYPE: amino acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Bloom, Allen
REGISTRATION NUMBER: 29,135
REFERENCE/DOCKET NUMBER: GM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                     SIKANDEDNESS: Single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 609-520-3259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/879,531
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/321,276
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                                                                                                                        99 VVLVTKS 105
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85.7%;
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Building 3, Suite 210
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Pred. No. 1.2e+03;
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Best Local Similarity
Matches 6; Conserve
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US-08-916-481-3
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                                                                                                                                                                                                                                                                                                                                               Sequence 3, Application US/08916481 Patent No. 6270991
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Wallis, Nicola G.
TITLE OF INVENTION: NOVEL histidine kinase
                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOTTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                   ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Dickinson, Todd Q
REGISTRATION NUMBER: 28,354
REFERENCE/DOCKET NUMBER: GM
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-994-2252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
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MEDIUM TYPE: Diskette
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                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 554 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                  ADDRESSEE: Dechert Price & STREET: 4000 Bell Atlantic CITY: Philadelphia
                            FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX:
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                                                            APPLICATION NUMBER:
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linear
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                                                               US/08/916,481
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Pred. No. 1
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Tower, 1717 Arch Stre
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ATTORNEY/AGENT INFORMATION

GM10022-1

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Sequence 12334, Application US/09489039A

Patent No. 6610836

GENERAL INFORMATION:
APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001

CURRENT APPLICATION NUMBER: US/09/489,039A

CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR FILING DATE: 1999-01-29

NUMBER OF SEQ ID NOS: 14342

LENGTH: 579

TYPE: PRT
ORGANISM: Klebsiella pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 8068, Application US/09328352
Patent No. 6562258
GENERAL INFORMATION:
APPLICANT: Gary L. Breton et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
FILE REFERENCE: GTC99-03PA
CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 8252
SEQ ID NO 8068
SEQ ID NO 8068
TYPE: PRT
ORGANISM: Acinetobacter baumannii
US-09-328-352-8068
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US-09-489-039A-12334
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US-09-328-352-8068
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Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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Best Local S
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TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Dickinson, Todd Q
REGISTRATION NUMBER: 28,354
REFERENCE/DOCKET NUMBER: GMIO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-994-2252
TELEFAX: 215-994-2222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
nes 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     86.2%;
Local Similarity 85.7%;
nes 6; Conservative
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TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      108 VVLVTKS 114
                                                                                                                                                                                                                                                                                                                                                                                                                          72 VVLVTS 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 VVLVIS 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      86.2%; Score 25; DB 4; Length 576; 100.0%; Pred. No. 1.2e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 25; DB 3;
Pred. No. 1.2e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
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Query Match

86.2%; Score 25;

DB 4;

Length 579;

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                                                          Best Local Similarity 100.0%; Pred. No. 1.2e+03; Matches 6; Conservative 0; Mismatches 0;
75 VVLVTS 80
                               1 VVLVIS 6
                                                            Indels
                                                            0,
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Gaps

0;

Search completed: March Job time : 11.9268 secs 1, 2004, 16:59:06

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Result
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Maximum
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OM protein - protein search, using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence:
                                                                                                                                                                                                                                                                                                                                              No
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB seq length: 0
DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                              Score
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1: /cgn2-6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2-6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

3: /cgn2-6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

4: /cgn2-6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

5: /cgn2-6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*

6: /cgn2-6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*

6: /cgn2-6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

7: /cgn2-6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

9: /cgn2-6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*

9: /cgn2-6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*

10: /cgn2-6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
                                                                                                                                                                                                                                                                                                                                         Query
Match Length DB
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    809742 segs, 211153259 residues
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12:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US09 NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
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/cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
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14 US-10-128-714-3581
15 US-09-738-626-51500
16 US-09-738-626-51500
17 US-10-029-386-28502
18 US-10-344-440-1
19 US-10-132-089-2
11 US-10-132-089-4
11 US-10-132-089-4
12 US-10-132-089-4
13 US-10-132-089-4
14 US-10-132-089-4
15 US-10-132-089-4
16 US-10-132-089-4
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19 US-10-132-089-4
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19 US-10-132-089-4
19 US-10-132-089-4
19 US-10-205-230-231
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US-09-910-582B-4
US-10-128-714-35
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Compugen Ltd.
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Sequence 3, Appli
Sequence 4, Appli
Sequence 8581, Ap
Sequence 8581, Ap
Sequence 5150, Ap
Sequence 28502, A
Sequence 1345, Ap
Sequence 1, Appli
Sequence 2, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 175, App
Sequence 175, App
Sequence 171, App
Sequence 171, App
Sequence 172, App
Sequence 171, App
Sequence 171, App
Sequence 171, App
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US-09-782-650-3

GENERAL INFORMATION:

Sequence 3, Application US/09782650 Patent No. US20020019350A1

	y o		202	'n	18-10-220-797-3318	ALEE ADMANDS
17	25	86.2	48	10	S-09-769-744A-19	quence 195
	25		88	11	S-09-864-408A-	equence 932,
	25		243	ø	09-815-242-1273	quence 12739,
	25	٠	247	9	-09-765-272-170	equence 170, F
	25		272	14	S-10-156-761-	equence 10426,
	25	٠	287	10	882-227-21	quence 216,
	25		295	14	-10-127-032-	equence 115
	25		299	9	09-861-451A-36	quence 36, Ag
	25	•	343	14	S-10-156-761-9	equence 9520,
	25		350	14	-10-156-761-12	12017
	25		410	14	-10-050-704-141	equence 141,
	25	•	453	15	-10-369-493-631	equence
	25		457	ø	9-815-24	quence 11
	25	٠	457	0	-09-882-227-3	ë 3
	25	٠	521	٦ ۲	-10-131-	equence 1
	25	٠	553	9	09-815-242-57	equence 57
ω U	25	٠	554	φ	09-800-396-	quence 4
	25	٠	554	10	S-09-878-672-	equence 2
	25		560	<u>Մ</u>	-10-369-493-	e 1:
	25	•	563	110	-09-878-672-	equence 3
	25	٠	563	10	-09-769-787-	equence 2'
	25	•	563	10	9-769-787-2	equence 21
	25	•	564	15	-10-131-410-18	ence 1
	25	•	574	9	09-815-242-1204	equence 12
	25	•	604	9	-09-815-242-1	quence 10
	25	•	606	<u>1</u> 5	S-10-369-493-354	uence 3!
	25	٠	687	15	0-369-493-188	equence 1
	25		1	5	-10-369-493-157	e 11
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ALIGNMENTS

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APPLICANT: Levine, Arnold J.
APPLICANT: Mitterer, Falko-Guenter
APPLICANT: Mitterer, Falko-Guenter
APPLICANT: Scheiflinger, Friedrich
APPLICANT: Scheiflinger, Friedrich
APPLICANT: Dorner, Friedrich
APPLICANT: Dorner, Friedrich
APPLICANT: Dorner, Friedrich
FILE REFERENCE: 20553D-000611US
CURRENT APPLICATION NUMBER: US/09/782,650
CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: US 09/324,079
PRIOR APPLICATION NUMBER: US 09/324,079
PRIOR FILING DATE: 1999-06-01
PRIOR APPLICATION NUMBER: US 09/327,045
PRIOR APPLICATION NUMBER: US 09/327,045
PRIOR APPLICATION NUMBER: DCT/US00/14988
PRIOR APPLICATION NUMBER: PCT/US00/14988
PRIOR APPLICATION NUMBER: PCT/US00/14988
PRIOR APPLICATION NUMBER: PCT/US00/14988
PRIOR FILING DATE: 2000-05-31
NUMBER OF SEQ ID NOS: 24
SOFTMARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 7
TYDE: DET
                             Ś
                                                                                                                                                                                                ; TYPE: PRT
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:targeting
; OTHER INFORMATION: molecule
US-09-782-650-3
                                                                               Query Match
Best Local Similarity
Matches 7; Conserv
1 VVLVTSS 7
                                                                            100.0%; Score 29; DB 9; illarity 100.0%; Pred. No. 7.1e+05; Conservative 0; Mismatchee
                                                                                                                                          Length 7;
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VVLVTSS 7

VVLVTSS

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; ORGANISM: Aspergillus fumigatus US-10-128-714-3581
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US-09-910-582B-4
                                                                                                                                                                                        SOFTWARE: Pate
SEQ ID NO 3581
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                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3581, Application US/10128714 Publication No. US20030119013A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 4
                                                                                                                                                                                                                                                      TITLE OF INVENTION: Identification of Essential Genes in Aspergillus fumigatus
TITLE OF INVENTION: Methods of Use
FILE REFERENCE: 10182-018-999
CURRENT APPLICATION NUMBER: US/10/128,714
CURRENT FILING DATE: 2002-04-23
PRIOR APPLICATION NUMBER: US 60/285,697
PRIOR APPLICATION NUMBER: US 60/287,066
PRIOR FILING DATE: 2001-04-27
PRIOR APPLICATION NUMBER: US 60/287,066
PRIOR APPLICATION NUMBER: US 60/287,890
PRIOR APPLICATION NUMBER: US 60/295,890
PRIOR APPLICATION NUMBER: US 60/295,890
PRIOR APPLICATION NUMBER: US 60/295,890
PRIOR APPLICATION NUMBER: US 60/303,899
PRIOR APPLICATION NUMBER: US 60/316,362
PRIOR PILING DATE: 2001-06-05
PRIOR PILING DATE: 2001-08-03-1
NUMBER: US 60/316,362
PRIOR FILING DATE: 2001-08-31
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 4, Application US/09910582B Publication No. US20030045476A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: P-LJ 4857
CURRENT APPLICATION NUMBER: US/09/910,582B
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: US 09/326,718
PRIOR FILING DATE: 1999-66-07
NUMBER OF SEQ ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Jiang, so Hu, Wengi
                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 8603
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Ruoslahti, Erkki
APPLICANT: MacKenna, Deidre A.
TITLE OF INVENTION: Heart Homing Conjugates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                      ENGTH:
100.0%; Score 29; DB 14; Local Similarity 100.0%; Pred. No. 2.7e+02; hes 7; Conservative 0: Minmathia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Hu, Wengi
: Tishkoff, Daniel
: Zamudio, Carlos
: Eroshkin, Alexey M
: Lemieux, Sebastien M
                                                                                                                                                                                                                   PatentIn version 3.1
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Pred. No. 7.1e+05;
                                                 Length 498;
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       0
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APPLICANT: HAYASHI, MIKIRO
APPLICANT: OCHIAL, KEIKO
APPLICANT: OCHIAL, KEIKO
APPLICANT: OCHIAL, KEIKO
APPLICANT: TATEISHI, NAOKO
APPLICANT: SENOH, AKCHIRO
APPLICANT: SENOH, AKCHIRO
APPLICANT: SENOH, AKCHIRO
APPLICANT: OZAKI, AKIO
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-125
FULE REFERENCE: 200-12-18
PRIOR APPLICATION NUMBER: JP 99/377484
PRIOR APPLICATION NUMBER: JP 00/159162
PRIOR APPLICATION NUMBER: JP 00/280988
PRIOR FILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-08-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; LENGTH: 522
; TYPE: PRT
; ORGANISM: Aspergillus fumigatus
US-10-128-714-8581
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US-10-128-714-8581
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PRIOR FILLING DATE: 2001-04-27
PRIOR APPLICATION NUMBER: US 60/295,890
PRIOR FILLING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: US 60/303,899
PRIOR FILLING DATE: 2001-07-09
PRIOR FILLING DATE: 2001-08-31
PRIOR FILLING DATE: 2001-08-31
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SOFTWARE: PatentIn version
SEQ ID NO 8581
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5150, Application US/09738626 Publication No. US20020197605A1
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APPLICANT: Lemieux, Sebastien M
TITLE OF INVENTION: Identification of Essential Genes in Aspergillus fumigatus and
TITLE OF INVENTION: Methods of Use
FILE REFERENCE: 10182-018-999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: NAKAGAWA, SATOSHI APPLICANT: MIZOGUCHI, HIROSI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/285,697 PRIOR FILING DATE: 2001-04-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/128,714
CURRENT FILING DATE: 2002-04-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  / Match 100.0%; Score 29; DB 14; Local Similarity 100.0%; Pred. No. 2.8e+02; les 7; Conservative 0; Mismatches 0;
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Zamudio, Carlos
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US-09-738-626-5345
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                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: NAKAGAWA, SATOSHI
APPLICANT: NAKAGAWA, SATOSHI
                                                                                                                                                                                                                                   Sequence 5345, Application US/09738626 Publication No. US20020197605A1 GENERAL INFORMATION:
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CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 28502
LENGTH: 107
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SOFTWARE: PatentIn ver. 3.
SEQ ID NO 5150
LENGTH: 83
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APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL
TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
FILE REFERENCE: AEOMICA-X-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: MAP TO CHR17.1

OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 10
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 9.6
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.5
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 9.1
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 9.6
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 4.8
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 10
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 8.8
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 8.8
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 8.8
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 8.8
OTHER INFORMATION: EXPRESSED IN BONE MARROW.
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HAYASHI, MIKIRO OCHIAI, KEIKO YOKOI, HARUHIKO YOKOI, HARUHIKO SENOH, AKHIRO IKEDA, MASATO OZAKI, AKIO
                                                                                                                                                                                                                                                                                                                                                                                                LVLVISS 24
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ANDO, SEIKO
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85.7%;
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Pred. No.
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Pred. No. 1.9e+02
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CURRENT APPLICATION NUMBER: US/10/344,440
CURRENT FILING DATE: 2003-02-10
PRIOR APPLICATION NUMBER: 002-04,941
PRIOR FILING DATE: 2000-08-11
PRIOR PILING DATE: 2001-08-10
PRIOR FILING DATE: 2001-08-10
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 310
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CURRENT FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: UP 9/377484
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: UP 00/159162
PRIOR APPLICATION NUMBER: UP 00/280988
PRIOR APPLICATION NUMBER: UP 00/280988
PRIOR FILING DATE: 2000-08-03
NUMBER OF SEQ ID NOS: 7059
SOFTWARE: Patentin ver. 3.0
SEQ ID NO 5345
LENGTH: 188
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Sequence 2, Application US/10132089 Publication No. US20030166893A1 GENERAL INFORMATION:
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Best Local
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TITLE OF INVENTION: METHODS FOR BLOCKING RESISTANCE TO BE TOXINS IN INSECTS AND NEMI
FILE REFERENCE: 6627-PA1023
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES FILE REFERENCE: 249-125
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                                                                                                                                         60 VLLVISS
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4; Conserv
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Pred. No. 7.4e+02;
1; Mismatches 0
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Pred. No. 4.4e+02;
3; Mismatches C
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APPLICANT: Hu, Yi
APPLICANT: Hu, Yi
APPLICANT: Burnett, Michael
TITLE OF INVENTION: No. US20030166893A1el Human Nu
TITLE OF INVENTION: Same
FILE REFERENCE: LEX-0335-USA
CURRENT APPLICATION NUMBER: US/10/132,089
CURRENT FILING DATE: 2002-04-24
PRIOR FILING DATE: 2002-04-24
PRIOR FILING DATE: 2001-04-30
NUMBER OF SEQ ID NOS: 7
NUMBER OF SEQ ID NOS: 7

Nuclear Transporters

and Polynucleot

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; ORGANISM: homo sapiens US-10-132-089-6
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US-10-132-089-6
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Best Local Similarity
Marches 6; Conserva
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; TYPE: PRT
; ORGANISM: homo sapiens
US-10-132-089-2
                      Query Match
Best Local S
Matches 6
                                                                                                                                                     SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                Sequence 6, Application US/10132089 Publication No. US20030166893A1 GENERAL INFORMATION:
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LENGTH: 532
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Best Local
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                                                                                                                                                                                             TITLE OF INVENTION: No. US20030166893A1el Human Nuclear Transporters and Polynucleoti
TITLE OF INVENTION: Same
FILE REFERENCE: LEX-0335-USA
CURRENT APPLICATION NUMBER: US/10/132,089
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: US 60/287,641
PRIOR APPLICATION NUMBER: US 60/287,641
PRIOR FILING DATE: 2001-04-30
                                                                                                                                                                                    NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: LEX-0335-USA
CURRENT APPLICATION NUMBER: US/10/132,089
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: US 60/287,641
PRIOR FILING DATE: 2001-04-30
NUMBER OF SEQ ID NOS: 7
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                    SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: Burne
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APPLICANT: Burnett, Michael
TITLE OF INVENTION: No. US20030166893A1el Human Nuclear Transporters and Polynuclecti
TITLE OF INVENTION: Same
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                      Local Similarity es 6; Conser
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tes 6; Conserv
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                    Score 26; DB 14;
Pred. No. 1.3e+03;
1; Mismatches 0
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Pred. No. 1.3e+03;
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Pred. No.
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tches 0;
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                                                  Length 537;
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RESULT 14
US-10-205-219-171
S-10-205-219-171, Application US/10205219
Sequence 171, Application US/10205219
Publication No. US20030138803A1
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; TYPE: PRT ; ORGANISM: Homo sapiens US-10-060-230-24
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US-10-116-275-175
                                                                                                                                                                                                      SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 24
LENGTH: 736
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn version 3.1
SEQ ID NO 175
LENGTH: 633
                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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                                                                                          Query Match
Best Local Similarity
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Best Local Similarity
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APPLICANT: Elan Pharmaceutical Technology

APPLICANT: O'Mahony, Daniel J.
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                                                                                                                                                                                                                                                                                                                  APPLICANT: HILTUNEN, Kalervo
TITLE OF INVENTION: A method to control cellular (3R)-hydroxyacyl-CoA
TITLE OF INVENTION: esters, precursor molecules for polyhydroxyalkanoate
TITLE OF INVENTION: synthesis in genetically modified organisms
FILE REFERENCE: 0365-0528P
CURRENT APPLICATION NUMBER: US/10/060,230

CURRENT FILING DATE: 2002-02-01
                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 1991667
PRIOR FILING DATE: 1999-08-03
NUMBER OF CEC. T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/116,275
CURRENT FILING DATE: 2002-10-04
NUMBER OF SEQ ID NOS: 349
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Limbkin, Imelda
APPLICANT: Higgins, Lisa
TITLE OF INVENTION: Genetic Analysis of Peyer's Patches and M Cells and Methods and
TITLE OF INVENTION: Compositions Targeting Peyer's Patches and M Cell Receptors
FILE REPERENCE: E1067/20087
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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VVLVTSA 17
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Brayden, David
Byrne, Daragh
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                                                                        Conservative
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Pred. No.
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Pred. No.
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                                                                                                              DB 13;
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                                                                                                            Length 736;
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Gaps

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APPLICANT.

APPLICANT: Pinnock, Robert
TITLE OF INVENTION: Identification and Use of Molecules Implicated in Pain
FILE REFERENCE: WI-A-018200
CURRENT EPLICATION NUMBER: US/10/205,219
CURRENT FILING DATE: 2002-07-24
PRIOR APPLICATION NUMBER: GB 0118354.0
PRIOR FILING DATE: 2001-07-27
NUMBER OF 55Q ID NOS: 197
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 171
LENGTH: 871
TYPE: PRT
ORGANISM: Rattus norvegicus
FEATURE:
FEATURE:
OTHER INFORMATION: Copg2
US-10-205-219-171
                                                                                                    CURRENT APPLICATION NUMBER: US/10/205,823
CURRENT FILING DATE: 2002-07-25
PRIOR APPLICATION NUMBER: 60/307,982
PRIOR APPLICATION NUMBER: 60/307,982
PRIOR FILING DATE: 2001-07-25
PRIOR FILING DATE: 2001-09-25
PRIOR FILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: 60/325,020
PRIOR FILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: 60/341,746
PRIOR APPLICATION NUMBER: 60/341,746
PRIOR FILING DATE: 2001-12-12
PRIOR APPLICATION NUMBER: 60/362,158
PRIOR FILING DATE: 2001-13-15
PRIOR FILING DATE: 2002-03-05
PRIOR FILI
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US-10-205-823-232
Query Match
Best Local Similarity
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Publication No. US20030108963A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wonsey, Angela M.
APPLICANT: CALT, Karen
APPLICANT: Zhao, Kumei
APPLICANT: Zhao, Kumei
APPLICANT: Anderson, Dustin
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND
TITLE OF INVENTION: METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
TITLE OF INVENTION: THERAPY OF PROSTATE CANCER
FILE REFERENCE: MRI-044
FILE REFERENCE: MRI-044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Schlegel, Robert
APPLICANT: Monahan, John E
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Kamatkar, Shubhangi
Wonsey, Angela M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gannavarapu, Manjula
Gorbatcheva, Bella
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Monahan, John E.
Endege, Wilson O.
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Brooksbank, Robe
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Score 26; DB 14; Length 874; Pred. No. 2.2e+03;
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Pred. No. 2.2e+03;
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Search completed: March 1, 2004, 17:16:45 Job time: 23.1951 secs

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Post-processing: Minimum Match 0%
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Listing first 45 summaries
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/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/FCTUS_COMB.pep:*
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US-08-457-459-4
US-08-556-678-4
PCT-US95-02275-4
US-08-555-678-2
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US-08-555-678-2
US-08-555-702A-12
US-09-562-702A-12
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Patent No. 6303573
                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
  ZIP: 94304-1104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMFUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                       STREET: 901 California Avenue
CITY: Palo Alto
STATE: California
                                                                                                                                    COUNTRY:
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64.7	64.7	64.7	•	64.7	64.7	64.7	.4	.4	4.	.4	4.	4	4.	64.7	9	•	66.7
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US-09-706-968-2	US-09-564-595D-35	-59	US-09-540-224-5	9	U	-09-	US-09-040-220D-2	US-09-564-595D-56	US-09-564-595D-57	US-08-311-731A-397	-09-	US-09-540-236-3160	4	US-09-288-143-159	US-09-232-857-2	US-09-058-725B-2	US-09-110-937-2
Sequence 2,	e 35	e 33	e 5,	'n	43	æ	Sequence 2,	Œ	Sequence 57		Sequence 2,	3	22	ᄓᅺ	æ	Sequence 2,	Sequence 2,
Appli	, Appl	, Appl	Appli	Appli	, Appl	Appli	Appli	`	Appl	7, App	Appli	60, A	,		Appli	Appli	Appli

ALIGNMENTS

APPLICANT: Ruoslahti, Erkki
APPLICANT: MacKenna, Deidre A.
TITLE OF INVENTION: Heart Homing Peptides and Methods of
TITLE OF INVENTION: Using Same
FILE REFERENCE: P-LJ 3512
CURRENT APPLICATION NUMBER: US/09/326,718
CURRENT FILING DATE: 1999-06-07
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO
SEQ ID NO
TYPE: PRT ORGANISM: Artificial Sequence; FEATURE:
; OTHER INFORMATION: synthetic construct US-09-326-718-9

Sequence 4, Application US/08985950 Patent No. 6140076 APPLICANT: Adema, Gosse Jan
TITLE OF INVENTION: Isolated Mammalian Monocyte Cell Genes,
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: DNAX Research Institute 100.0%; Score 51; DB 4; Length 8; ilarity 100.0%; Pred. No. 3e+05; Conservative 0; Mismatches 0; Indels 0; 0 Gaps 0

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RESULT 3
US-09-546-049-4
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Best Local Similarity
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/041,279
FILING DATE: 21-MARCH-1997
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/033,181
FILING DATE: 16-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 60/032,252
FILING DATE: 06-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Ching, Edwin p.
REGISTRATION NUMBER: 34,090
REFERENCE/DOCKET NUMBER: DX0670K
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650)852-9196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (650)496-1204
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 99 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 1
FILING DATE: 16-DEC-
PRIOR APPLICATION DATA:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
                                                       COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve:
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/09/546,049
FILING DATE: 10-Apr-2000
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                         Phillips Jr., Joseph H. TITLE OF INVENTION: Isolated Mammalian Monocyte Cell Genes;
                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           12 CLHAGNS 18
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                                                                                                                                                                                                                                                                   STREET: 901 California Avenue
CITY: Palo Alto
STATE: California
APPLICATION NUMBER: US/08/985,950 FILING DATE: 05-DEC-1997 APPLICATION NUMBER: US 60/041,279
                                                                                                                                                                                                                                                                                                                               ADDRESSEE: DNAX Research Institute
                                                                                                                                                                                                                                       P: 94304-1104
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                                                                                                                                                                                                                                                                                                                                                                                                                                McClanahan, Terrill K.
Zurawski, Sandra M.
Zurawski, Gerard
Lanier, Lewis L.
Phillips Jr., Joseph H.
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Gorman, Daniel M.
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NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 7010
; LENGTH: 140
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-621-976-7010
                                                                                                                                                                                                                 US-08-280-443-4
                                                                                                                                                                            Patent No. 5643778
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 663906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: GENSET 054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTs and Encoded
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: DX0670K
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650)852-9196
TELEPHONE: (650)852-9196
TELEPAS: (650)496-1204
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                      ENERAL INFORMATION:
APPLICANT: Nishikura,
TITLE OF INVENTION:
ITTLE OF INVENTION:
ITTLE OF SEQUENCES:
                                                                       CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 21-MARCH-1997
APPLICATION NUMBER: US 60/033,181
FILING DATE: 16-DEC-1996
APPLICATION NUMBER: US 60/032,252
FILING DATE: 06-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Ching, Edwin P.
REGISTRATION NUMBER: 34,090
                                     STREET:
                                                                                                                                                                                                                                                                                                                                                        Local Similarity es 5; Conserv
                                                        ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO:
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Similarity 85.7%;
6; Conservative
Spring House Corporate Cntr, P.O. Spring House Pennsylvania
                                                                                                                                                                                                Application US/08280443
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 99 amino acids
                                                                                                                           Nishikura, Kazuko
VENTION: RNA Editing
                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/09621976
                                                          Howson and Howson
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                                                                                                            Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      and Encoded Human Proteins
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Pred. No.
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Pred. No.
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                                                                                                                             and Methods of Use
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Query Match
Best Local Similarity
"""hes 6; Conserve
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INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
TENGTH: 72 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4, Application US/08457459 Patent No. 5677428
                                                FILING DATE:
CLASSIFICATION: 435
CLASSIFICATION DATA:
APPLICATION NUMBER: US 08/197,794
FILING DATE: 17-FEB-1994
PRIOR APPLICATION NUMBER: US 08/280,443
APPLICATION NUMBER: US 08/280,443
FILING DATE: 25-JUL-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/197,794
FILING DATE: 17-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bak, Mary E.
REGISTRATION NUMBER: 31,215
REGISTRATION NUMBER: WST49AUSA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ENERAL INFORMATION:
                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: FRO COMPATIBLE
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,459
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Nishikura, Kazuko
TITLE OF INVENTION: RNA Editi
TITLE OF INVENTION: Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: 215-540-9206
                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Howson and Howson
STREET: Spring House Corporate Cntr, P.O. Box 457
CITY: Spring House
STATE: Pennsylvania
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
REFERENCE/DOCKET NUMBER:
              REGISTRATION NUMBER: 31,215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
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                                      Bak, Mary E
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WST49CUSA
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Pred. No. 25;
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; MOLECULE TYPE: US-08-555-678-4
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                                   Query Match
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                                                                                                                                                         TELEFAX: 215-540-5818
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 72 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 215-540-5818
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 17-FEB-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/280,443
FILING DATE: 25-JUL-1994
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                            REGISTRATION NUMBER: 31,215
REFERENCE/DOCKET NUMBER: WS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215.540-9206
                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/197,794
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                  FILING DATE: 01-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PPLICANT: Nishikura, Kazuko
TTLE OF INVENTION: CRA Editing Enzyme and Methods
LTLE OF INVENTION: Cf Use Thereof
Local Similarity
es 6; Conserv
                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                     NAME: Bak, Mary E
                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/457,459
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: Spring House Corporate Cntr, P.O. Box 457
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local
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                                                                                                                                          amino acid
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GY: unknown
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215-540-5818
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                                                                                     protein
                  69.6%;
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66.7%; Pred. No. 25;
ative 2; Mismatches
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   Score 35.5; 1
Pred. No. 25;
2; Mismatches
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                                   DB 1; Length 72;
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Indels

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US-08-280-443-2
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                                                                                                                                            Sequence 2, Application US/08280443 Patent No. 5643778
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                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                           GENERAL INFORMATION: APPLICANT: Nishiki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 215-540-5818
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 08/280,443
FILING DATE: 25-UTL-1994
PRIOR APPLICATION DATA:
APPLICATION UNBER: US 08/197,794
FILING DATE: 17-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: 1
                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: unknown MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 72 amino acids
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MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
                                                    TITLE OF INVENTION: RNA Editing Enzyme and TITLE OF INVENTION: Thereof NUMBER OF SEQUENCES: 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US95/02275
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Wistar Institute of Anatomy &, Biology TITLE OF INVENTION: RANA Editing Enzyme and Methods of Use TITLE OF INVENTION: Thereof NUMBER OF SEQUENCES: 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
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                                 RRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Bak, Mary E.
REGISTRATION NUMBER: 31,215
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                 ESSEE:
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F: Spring House Corporate Cntr, P.O. Box 457

Spring House

: Pennsylvania
                                                                                                                                                                                                                                                         CMHKLGNSC 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           amino acid
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3: Howson and Howson
Spring House Corporate Cntr,
                                                                                                         Nishikura, Kazuko
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Pred. No. 25;
2; Mismatches
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 P.O. Box 457
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US-08-457-459-2
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Best Local :
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Nishik
                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0.
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/197,794
FILING DATE: 17-PEB-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                              CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/197,794
                                                  APPLICATION NUMBER: US 0 FILING DATE: 17-FEB-1994 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 1226 amino aci
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                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Bak, Mary E.
REGISTRATION NUMBER: 31,215
REFERENCE/DOCKET NUMBER: WS
APPLICATION NUMBER: US 08/280,443 FILING DATE: 25-JUL-1994 TORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE:
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                                                                                                                                              FILING DATE:
                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
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T: Spring House Corporate Cntr, P.O.
Spring House
Pernsylvania
Pr. Hearsylvania
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Pennsylvania
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                                                                                                                                                                                                                                                                                                                                                                                                                                          RNA Editing Enzyme and Methods of
                                                                                                                                                                                            Release #1.0, Version #1.25
                                                                                                                                                             US/08/457,459
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Pred. No. 3.
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, MOLECULE TYPE: protein US-08-555-678-2
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US-08-555-678-2
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GENERAL INFORMATION:
APPLICANT: Nishiku
Query Match
Best Local Similarity
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                                                                                                          TELEFAX: 215-540-500 2:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
SEQUENCE 1226 amino acids
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: COMPUTER: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/555,678
FILING DATE:
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                FILING DATE: 25-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/457,459
FILING DATE: 01-JUN-1995
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/197,794
FILING DATE: 17-FEB-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/280,443
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: WS:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-540-9206
                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: WST49DUSA TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ITLE OF INVENTION: RNA Editing Enzyme and Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   / Match 69.6%; Local Similarity 66.7%; nes 6; Conservative
                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                              REGISTRATION NUMBER: 31,215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Spring House
STATE: Pennsylvania
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                              TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              622 CMHKLGNSC 630
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                                                                                                      amino acid
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                                                                                                                                                                                                                                                                   Mary E
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 69.6%;
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ER: WST49CUSA
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 Score 35.5; DB 1;
Pred. No. 3.6e+02;
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Pred. No. 3
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                 Length 1226;
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PCT-US95-02275-2
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Sequence 12, Application US/09562702A

Patent No. 6632790
GENERAL INFORMATION:
APPLICANT: YUTCHARCO, Peter
TITLE OF INVENTION: Laminin 2 and Methods for Its Use
FILE REFERENCE: 99-274-B
CURRENT APPLICATION NUMBER: US/09/562,702A
CURRENT FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: 60/155,945
PRIOR FILING DATE: 1999-09-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Bak, Mary E.
REGISTRATION NUMBER: 31,215
REFERENCE/DOCKET NUMBER: WST4
TELECOMMUNICATION INFORMATION:
TELESPHONE: 215-540-9206
TELESPACE: 215-540-9206
TELESPACE: 215-540-5818
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1226 maino acids
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                      Matches
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Best Local
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APPLICATION NUMBER: US 08/
FILING DATE: 25-UUL-1994
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/
FILING DATE: 17-FEB-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: Spring House Corporate Cntr, P.O. Box 457 CITY: Spring House STATE: Pennsvivania
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                               622 CMHKLGNSC 630
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Pred. No. 3.6e+02;
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CURRENT APPLICATION NUMBER: US/09/562,702A
CURRENT FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: 60/155,945
PRIOR FILING DATE: 1999-09-24
PRIOR APPLICATION NUMBER: 60/143,289
PRIOR FILING DATE: 1999-07-12
PRIOR APPLICATION NUMBER: 60/139,198
PRIOR FILING DATE: 1999-06-15
PRIOR FILING DATE: 1999-06-15
PRIOR APPLICATION NUMBER: 60/131,720
PRIOR APPLICATION NUMBER: 60/131,720
PRIOR APPLICATION NUMBER: 60/131,720
PRIOR APPLICATION NUMBER: 50/131,720
PRIOR PILING DATE: 1999-04-30
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 8: 32
SOFTWARE: Patentin Ver. 2.0
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PRIOR FILING DATE: 1999-07-12
PRIOR APPLICATION NUMBER: 60/139,198
PRIOR APPLICATION NUMBER: 60/131,720
PRIOR FILING DATE: 1999-04-30
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 32
SOFTMARE: Patentin Ver. 2.0
SEQ ID NO 12
LENGTH: 3084
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US-09-562-702A-4
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Best Local S
Matches 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 8, Application US/09562702A Patent No. 6632790 GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT: Yurchenco, Peter
TITLE OF INVENTION: Laminin 2 and Methods for Its Use
FILE REFERNCE: 99-274-B
CURRENT APPLICATION NUMBER: US/09/562,702A
CURRENT FILLING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: 60/155,945
PRIOR FILLING DATE: 1999-09-24
PRIOR APPLICATION NUMBER: 60/143,289
PRIOR APPLICATION NUMBER: 60/143,289
PRIOR FILLING DATE: 1999-07-12
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PRIOR FILLING DATE: 1999-07-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Yurchenco, Peter TITLE OF INVENTION: Laminin 2 and Methods for Its Use FILE REFERENCE: 99-274-B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Homo sapiens
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Search completed: March Job time: 13.4878 secs
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                                                                                                                                                                         ; TYPE: PRT; ORGANISM: Homo sapiens US-09-562-702A-4
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Best Local (
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                                                                                                                 Matches
                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/131,720 PRIOR FILING DATE: 1999-04-30 NUMBER OF SEQ ID NOS: 32
                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 1999-06-15
                                                                                                                                                                                                                     LENGTH: 3089
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les 5; Conserv
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111 US-09-864-408A-7734

114 US-10-290-631-4

115 US-10-464-368-71

116 US-10-464-368-70

117 US-10-464-368-70

118 US-10-464-368-70

119 US-09-835-996A-33

114 US-10-233-553-70

115 US-10-233-553-70

117 US-10-233-553-70

118 US-10-233-553-70

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Sequence 2, Appli
Sequence 2472, Ap
Sequence 7734, Ap
Sequence 7714, Ap
Sequence 711, Appli
Sequence 69, Appli
Sequence 70, Appl
Sequence 30, Appli
Sequence 20, Appli
Sequence 29499, A
Sequence 29499, A
Sequence 49, Appli
Sequence 49, Appli
Sequence 4, Appli
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ALIGNMENTS

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US-09-782-650-4

US-09-782-650-4

Sequence 4, Application US/09782650

Patent No. US20020019350A1

GENERAL INFORMATION:
APPLICANT: Levine, Arnold J.
APPLICANT: Levine, Arnold J.
APPLICANT: Levine, Arnold J.
APPLICANT: Levine, Falkoc, Friedrich
APPLICANT: Scheiflinger, Friedrich
APPLICANT: Scheiflinger, Friedrich
APPLICANT: Dorner, Friedrich
APPLICANT: Dewards LifeSciences Corporation
ITILE OF INVENTION: Targeted Angiogenesis
FILE REFERENCE: 20553D-000611US
CURRENT FILING DATE: 1999-06-01
PRIOR APPLICATION NUMBER: US 09/324,079
PRIOR APPLICATION NUMBER: US 09/324,079
PRIOR APPLICATION NUMBER: US 09/327,045
PRIOR FILING DATE: 1999-06-07
PRIOR FILING DATE: 1999-06-07
PRIOR FILING DATE: 1999-06-07
PRIOR FILING DATE: 1999-06-07
PRIOR FILING DATE: 2000-05-31
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PATENTING DATE: 2000-05-31

UNDER OF SEQ ID NOS: 24
SOFTWARE: PATENTING DATE: 2010-05-31

SEQ ID NO 4
LENGTH: B
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:targeting
OTHER INFORMATION: molecule
US-09-782-650-4

Query Match Local Similarity 100.0%; Score 51; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+05;
Matches 8; Conservative 0, Mismatches 0; Indels 0; Gaps
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GENERAL INFORMATION:
APPLICANT: RACKEIDA, Deidre A.
APPLICANT: MACKEIDA, Deidre A.
TITLE OF INVENTION: Heart Homing Conjugates
FILE REFERENCE: P-LJ 4857
CURRENT APPLICATION UMMBER: US/09/910,582B
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION UMMBER: US 09/326,718
PRIOR FILING DATE: 1999-06-07
NUMBER OF SEQ ID NOS: 15
                                                                                                         APPLICANT: YU, GUO-LIANG
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES IN PLANTS
FILE REFERENCE: MBI-0047 CIP
CURRENT APPLICATION NUMBER: US/10/374,780A
CURRENT FILING DATE: 2003-02-25
PRIOR APPLICATION NUMBER: US/837,944
PRIOR FILING DATE: 2001-04-18
PRIOR FILING DATE: 2001-04-18
PRIOR APPLICATION NUMBER: 60/310,847
PRIOR APPLICATION NUMBER: 60/310,847
PRIOR APPLICATION NUMBER: 09/934,455
PRIOR APPLICATION NUMBER: 09/934,455
PRIOR APPLICATION NUMBER: 06/336,049
PRIOR APPLICATION NUMBER: 60/336,049
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Best Local S
Matches 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 9, Application US/09910582B Publication No. US20030045476A1
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APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT: Riechmann, Jose Luis
APPLICANT: Jiang, Cai-Zhong
APPLICANT: Jiang, Taganalia
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APPLICATION NUMBER: 10/171,468
FILING DATE: 2002-06-14
APPLICATION NUMBER: 10/225,066
FILING DATE: 2002-08-09
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Similarity 100.0%;
8; Conservative 0
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Broun, Pierre E
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Dubell III, Arnold T
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Haake, Volker
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Pred. No. 7.2e+05;
0; Mismatches 0;
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SEQ ID NO 2472
LENGTH: 631
                                                                                                                                                                                                                                                                                                               Sequence 4, Application US/10290631 Publication No. US20030105303A1
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APPLICANT: Shinkets, Richard A.
APPLICANT: Shinkets, Richard A.
TITLE OF INVENTION: No. US20040009474Alel Human Polynucleotides and Polypeptides En.
FILE REFERENCE: 21402-012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 10/225,067
PRIOR TILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: 10/225,068
PRIOR FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 2906
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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        70.6%;
Local Similarity 62.5%;
es 5; Conservaring
                                                                      APPLICANT: Adema, Gosse Jan
APPLICANT: Adema, Gosse Jan
Meyaard, Linde
Gorman, Daniel M.
McClanahan, Terrill K.
Zurawski, Sandra M.
Zurawski, Serard
Lanier, Lewis L.
Phillips Jr., Joseph H.
TITLE OF INVENTION: Isolated Mammalian Monocyte Cell Genes;
Related Reagents
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NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: DNAX Research Institute
STREET: 901 California Avenue
CITY: Palo Alto
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Similarity 85.7%;
6; Conservative
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Pred. No.
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Pred. No.
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US-09-866-050A-711
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                                                                                                                CURRENT APPLICATION NUMBER: US/09/866,050A
CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 725
SOFTWARE: FRSTSEQ for Windows Version 4.0
SEQ ID NO 711
LENGTH: 224
TYPE: PRT
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                      Query Match
Best Local 9
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                                                                               ORGANISM: Mouse
-09-866-050A-711
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APPLICANT:
                                                                                                                                                                                                                                                  APPLICANT: Murison, James G.
APPLICANT: Kumble, Krishanand D.
TITLE OF INVENTION: Compositions Isolated From Skin Cells
TITLE OF INVENTION: and Methods for Their Use
FILE REFERENCE: 11000.1011c4U
                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Watson,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (650)496-1204
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
Match 70.6%;
Local Similarity 85.7%;
les 6; Conservative
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 08-No. US20030105303A1-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 60/032,252 FILING DATE: 06-DEC-1996 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/985,950
FILING DATE: 05-DEC-1997
APPLICATION NUMBER: US 60/041,279
FILING DATE: 1-MARCH-1997
APPLICATION NUMBER: US 60/033,181
FILING DATE: 16-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
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Sleeman, Matthew
Onrust, Rene
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REGISTRATION NUMBER: 34,090
REFERENCE/DOCKET NUMBER: DX
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Pred. No. 60;
                      Score 36; DB 10;
Pred. No. 1.3e+02;
      Mismatches
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                                      Length 224;
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                                                                                                             RESULT 9
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                                                                                        US-09-835-996A-33
                                                                                                                                                                                                                                                                                                          ; ORGANISM: MOUSE US-10-464-368-70
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Best Local Similarity 85...
Conservative
                                                     Sequence 33, Application US/09835996A Patent No. US20020142953A1
                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn ver
SEQ ID NO 70
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 69
LENGTH: 4599
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                                      GENERAL INFORMATION:
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APPLICANT: Ellies, Debra
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR REGULATING BONE DEPOSITION
FILE REFERENCE: 40716-IP-017
CURRENT APPLICATION NUMBER: US/10/464,368
CURRENT FILING DATE: 2003-06-16
PRIOR APPLICATION NUMBER: 60/388,970
PRIOR FILING DATE: 2002-06-14
                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Krumlauf, Robb
APPLICANT: Ellies, Debra
APPLICANT: Ellies, Debra
TITLE OF INVERTION: COMPOSITIONS AND METHODS FOR REGULATING BONE DEPOSITION
FILE REFERENCE: 40716-IP-017
CURRENT APPLICATION NUMBER: US/10/464,368
CURRENT FILING DATE: 2003-06-16
PRIOR APPLICATION NUMBER: 60/388,970
PRIOR FILING DATE: 2002-06-14
APPLICANT: Ballinger, Dennis
APPLICANT: Loeb, Debra
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ORGANISM: MOUSE
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nes 6; Conserv
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85.7%;
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Pred. No. 2.1e+03;
1; Mismatches 0
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Pred. No. 2.1e+03;
1; Mismatches 0
                                                                                                                                                                                                                                                                        DB 16; Length 4599;
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RESULT 10
US-10-233-53-20
(Sequence 20, Application US/10233553)
Publication No. US20030125285A1
GENERAL INFORMATION:
APPLICANT: HIRABAYASHI, Kazuko
APPLICANT: YANO, Junichi
FIITLE OF INVENTION: Method of examining the efficacy of therapy with nucleic acid
FILE REFERENCE: B-345
CURRENT APPLICATION NUMBER: US/10/233,553
CURRENT APPLICATION NUMBER: JD 2001-267385
PRIOR APPLICANTON NUMBER: JD 2001-267385
PRIOR FILING DATE: 2001-09-04
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                                                                                                                                  ; TYPE: PRT ; ORGANISM: Homo sapiens US-10-233-553-20
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CURRENT APPLICATION NUMBER: US/09/835,996A
CURRENT APPLICATION NUMBER: US/09/835,996A
CURRENT FILING DATE: 2001-04-16
PRIOR FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: US 09/714,936
PRIOR FILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: US 09/667,298
PRIOR TILING DATE: 2000-09-22
PRIOR APPLICATION NUMBER: US 09/631,451
PRIOR APPLICATION NUMBER: US 09/631,451
PRIOR APPLICATION NUMBER: US 09/598,042
PRIOR FILING DATE: 2000-06-20
NUMBER OF SEQ ID NOS: 45
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SEQ ID NO 33
LENGTH: 4636
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SEQ ID NO 20
LENGTH: 1225
                                                                  Matches
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Best Local :
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ORGANISM: Homo sapiens
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                                                            Local Similarity es 6; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PatentIn version 3.0
CMHKLGNSC 629
                               CLHR-GNSC 8
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Wang, Dunrui
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Drmanac, Radoje
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Goodrich, Ryle
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di, Vinod
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an, Tom
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85.7%;

    Mismatches

                                                                Score 35.5; DB 14;
Pred. No. 7.4e+02;
2; Mismatches 0;
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Pred. No. 2.1e+03;
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US-09-927-827-49
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                                                                                                                                                                                 ORGANISM: Xanthomonas campestris US-09-927-827-49
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Publication No. US20030036176A1
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                                                                                        Matches
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Best Local
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APPLICANT: Rammeeler, Thomas M.
APPLICANT: Rammeeler, Thomas M.
TITLE OF INVENTION: Directed Genetic Engineering of Xanthomonas campestris
FILE REFERNCE: 38-10(15824) B
CURRENT APPLICATION NUMBER: US/09/927,827
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: US 60/279,493
FRIOR FILING DATE: 2001-03-28
NUMBER OF SEQ ID NOS: 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
TITLE OF INVENTION: HUMAN GENOME-DERIVED
TITLE OF INVENTION: EXPRESSION ANALYSIS
FILE REFERENCE: ABOMICA-X-2
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CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
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OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 8.8
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 8.8
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 8.5
OTHER INFORMATION: EXPRESSED IN ADULT LIVEX, SIGNAL = 1.3
OTHER INFORMATION: EXPRESSED IN DOIN MARROW, SIGNAL = 7.6
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 8.9
OTHER INFORMATION: EXPRESSED IN FETAL LIVEX, SIGNAL = 7.2
OTHER INFORMATION: EXPRESSED IN FETAL LIVEX, SIGNAL = 7.2
OTHER INFORMATION: EXPRESSED IN FETAL LIVEX, SIGNAL = 8.9
OTHER INFORMATION: EXPRESSED IN FETAL LIVEX, SIGNAL = 8.1
OTHER INFORMATION: EXPRESSED IN FETAL LIVEX, SIGNAL = 8.1
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Pred. No.
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RESULT 13 US-09-934-868-52 ; Sequence 52, A)

Application US/09934868

Patent No. US20020137190A1

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Sequence 2, Application US/09808571A
Patent No. US20020106723A1
GENERAL INFORMATION:
APPLICANT: Bayer Aktiengesellschaft
ITILE OF INVENTION: Receptor for latrotoxin fr.
FILE REFERENCE: Le A 34 402
CURRENT APPLICATION NUMBER: US/09/808,571A
CURRENT FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: DE 100 13 580.3
PRIOR FILING DATE: 2000-03-18
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.1
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CURRENT FILING DATE: 2001-08-22
PRIOR APPLICATION NUMBER: 60/229,858
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 61
SOFTWARE: Microsoft Office 97
SEQ ID NO 52
LENGTH: 920
TYPE: PRT
ORGANISM: Methylomonas 16a
FEATURE: PRT
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Best Local Similarity
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CURRENT FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: DE 100 13 580.3
PRIOR FILING DATE: 2000-03-18
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 4
LENGTH: 1354
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Patent No. US20020106723A1
GENERAL INFORMATION:
APPLICANT: Bayer Aktiengesellschaft
TITLE OF INVENTION: Receptor for latrotoxin from insects
FILE REFERENCE: Le 34 402
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TITLE OF INVENTION: DENITRIFYING METHANOTROPHIC BACTERIAL STRAIN
FILE REFERENCE: CL1596 US NA
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US-08-415-593-43
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APPLICANT: MacKenna, Deidre A.
ITILE OF INVENTION: Heart Homing Peptides and Met
ITILE OF INVENTION: Using Same
ITILE OF INVENTION USING Same
CURRENT APPLICATION NUMBER: US/09/326,718
CURRENT APPLICATION NUMBER: US/09/326,718
CURRENT FILING DATE: 1999-06-07
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 12
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic construct
US-09-326-718-10
Sequence 27017, Application US/09252991A
Patent NO. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE DE INVENTION: NUCLEIC ACID AND AMINO ACID SI
TITLE DE INVENTION: AERUGINOSA FOR DIAGNOSTICS ANI
FILE REFERENCE: 107196.136
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 27017
LENGTH: 202
TYPE: PRT
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Best Local S
Matches 12
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Patent No. 6303573
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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US-09-170-496D-264
US-09-170-496D-278
US-09-287-354-6
US-09-252-991A-30407
US-09-252-991A-1683
US-09-252-991A-1833
US-09-252-991A-1833
US-09-252-991A-1833
US-09-252-991A-32946
US-09-252-991A-25946
US-09-252-991A-32086
US-09-252-991A-32086
US-09-252-991A-32086
US-09-252-991A-32086
US-09-252-991A-32086
US-09-252-991A-32086
US-09-253-991A-32979
US-08-937-236-3
US-08-937-236-3
US-08-937-236-2
                                                                                                                                                                                                                                                                                                                                                                                                                             Score 74; DB 4;
Pred. No. 2.4e-05;
Mismatches 0;
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AND AMINO ACID SEQUENCES RELATING
OR DIAGNOSTICS AND THERAPEUTICS
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Minimum Maximum

Total number Searched:

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Query Match
Best Local Similarity
7; Conserve
                                                      ;Patent No. 5242821

APPLICANT: PALVA, LIKKA;SIBAHKOV, MERVI

TITLE OF INVENTION: LACTOCOCCUS PROMOTER AND SIGNAL
;SEQUENCES FOR EXPRESSION IN BACTERIA
;NUMBER OF SEQUENCES: 27
;NUMBER OF SEQUENCES: 27
                                                                                                                                                                                                                                                                                                                                                 US-07-942-245-6
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US-07-942-245-6
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 SEQ ID
                                                                                                                                                                 RESULT 4
                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: United States
ZIP: 20037-3202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: HP 9000/700 Workstation
OPERATING SYSTEM: UNIX
SOPTWARE: In house
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/942,245
APPLICATION NUMBER: US/07/942,245
                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (202) 293-7860
TELEX: 6491103
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 112 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/377,450
FILING DATE: 10-JUL-1989
ID NO:7:
                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 09-SEP-1992
CLASSIFICATION: 530
TELECOMMUNICATION INFORMATION: TELEPHONE: (202) 293-7660
TELEFAX: (202) 293-7860
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Sughrue, Mion, Zinn, Macpeak & Seas
STREET: 2100 Pensylvania Avenue, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 2100 Pens
CITY: Washington
STATE: D.C.
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SEARLE,
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66.7%;
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58.3%;
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                                                                                                                                                                                                                                                                               1; Mismatches
                                                                                                                                                                                                                                                                                                Score 42; DB
Pred. No. 15;
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Pred. No. 6.7;
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US-08-656-318A-2
                                                                                                                                                   US-08-656-318A-2
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Best Local Similarity 70.0
                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence
                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 800
PRICR APPLICATION DATA:
APPLICATION NUMBER: GB 9326424.0
FILING DATE: 24-DEC-1993
PRICR APPLICATION NUMBER: PCT/GB94/02766
APPLICATION NUMBER: PCT/GB94/02766
FILING DATE: 19-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: KOKULIS, PAUL N.
REGISTRATION NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 224199/SEE
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: BROEKAERT, WILLEM F.
APPLICANT: CAMOUTS, BRUNO P.A.
APPLICANT: OSBORN, RUPERT W.
APPLICANT: OSBORN, RUPERT W.
APPLICANT: REES, SARAH B.
TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                TELEFAX: (202) 822-0944
INFORMATION FOR SEQ ID NO:
                                                                                                                                                               MOLECULE TYPE: protein ORIGINAL SOURCE: ORGANISM: Ah-AMP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/656,318A
FILING DATE: 12-UN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 1100
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
ADDRESSEE:
                                                                                                  Local Similarity
                                                                                                                                                                                                                TOPOLOGY:
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                 24 CODWEKASHGAC 35
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20005-3918
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5750504
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                                                                                                                                                                                                           uss: single
linear
                                                                                Conservative
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                                                                                                52.7%;
41.7%;
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70.0%;
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    Mismatches

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                                                                                                Score 39; DB
Pred. No. 20;
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Pred. No. 21;
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Query Match
Best Local Similarity
Matches 5; Conserve
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US-08-956-459-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CCMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/956,459
FILING DATE: 22-OCT-1996
CLASSIFICATION: 800
                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION;
                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/656,318
FILING DATE: 12-JUN-1996
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: CAMMUE, BRUNO P.A. APPLICANT: OSBORN, RUPERT W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE: 24-DE
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LE OF INVENTION: ANTIN
                                                                                                                                                                           INFORMATI
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                                                                Sitjtsma, Lucanna, Robbert
                                                                                                                                                          Van Amerongen, Aart
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                                          Puijk, Wouter
Schaaper, Wilhelmus
                                                                                                         Borremans, Frans
De Samblanx, Genoveva
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/an Gelder, Wilhelmus
łees, Sarah
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41.7%;
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Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                 Length 50;
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RESULT 9 US-08-377-687-15

Sequence 15, Application US/08377687 Patent No. 5538525 GENERAL INFORMATION:

APPLICANT: BROEKAERT, WILLEM F. APPLICANT: CAMMUE, BRUNO P.A.

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PCT-US94-01234-33
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                                                                   Query Match
Best Local S
Matches 6
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                                                                                                                                                                                                                               APPLICATION NUMBER: US 0

RILING DATE: 02-FEB-1993

INFORMATION FOR SEQ ID NO: 3

SEQUENCE CHARACTERISTICS:

LENGTH: 18 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: METHODS FOR PRODU
TITLE OF INVENTION: BINDING SITES
NUMBER OF SEQUENCES: 76
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, VA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: PCT/GB96/03068
PRIOR FILING DATE: 1996-12-12
PRIOR APPLICATION NUMBER: GB 9606552.9
PRIOR FILING DATE: 1996-03-28
PRIOR APPLICATION NUMBER: GB 9525455.3
PRIOR FILING DATE: 1995-12-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Antifungal Proteins
FILE REPERENCE: 109846-257(SYN-035)
CURRENT APPLICATION NUMBER: US/09/077,948A
CURRENT FILING DATE: 1998-08-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 141
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                            TOPOLOGY: lir
MOLECULE TYPE:
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 50
TYPE: PRT
ORGANISM: Assculus hippocastanum
                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 01
FILING DATE: 28-JUN-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
                                                         51.4%;
Local Similarity 60.0%;
les 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              52.7%;
Local Similarity 41.7%;
les 5; Conservation
                                                                                                                                                                                                                TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                24 CQDWEKASHGAC 35
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                              3 SWNKADNRSC 12
SFGRADNRNC 13
                                                                                                                                                                                                  linear
                                                                                                                                                              protein
internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              METHODS FOR PRODUCING POLYPEPTIDE BINDING SITES
                                                                                                                                                                                                                                                                                                            US 08/012,566
                                                                                                                                                                                                                                                                                                                                                                US 08/084,542
                                                                                                                                                                                                                                                                                                                                                                                                   PCT/US94/01234
                                                                                  Score 38; DB 5; Length 18; Pred. No. 11;
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Pred. No. 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                        Version #1.25
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                                                                     Indels
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OSBORN, RUPERT W.

OPERATING SYSTEM: PC-DOS/MS-DOS

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SEQUENCE CHARACTERISTICS:
LENGTH: 49 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local S
Matches 5
                                                                                                                                                                                                                                                                                                                                      Sequence 24, Applicat Patent No. 5538525 GENERAL INFORMATION:
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MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/377,687

FILING DATE:

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/002,480

FILING DATE: 04-CAM-1993

ATTORNEY/AGENT INFORMATION:

REGISTRATION NUMBER: 16,773

REFERENCE/DOCKET NUMBER: 99042/SEB.36525/US/A

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                               APPLICANT: BROEKAERT, WILLEM APPLICANT: CAMMUE, BRUNO P.A. APPLICANT: OSBORN, RUPERT W.
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                   CORRESPONDENCE ADDRESS
                                                                                                                                                                                  APPLICANT: VANDERLEYDEN, JOZEF
LITLE OF INVENTION: BIOCIDAL PROTEINS
LUMBER OF SEQUENCES: 59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: VANDERLEYDEN, JOZEF
TITLE OF INVENTION: BIOCIDAL PROTEINS
TUMBER OF SEQUENCES: 59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity 41.7%; tes 5; Conservation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: SID
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                                                                      COUNTRY:
                                                                                                                 CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: CUSHMAN DARBY & CUSHMAN STREET: 1100 NEW YORK AVENUE, N.W.
                                                                                                                                 ADDRESSEE: CUSHMAN DARBY & CUSHMAN STREET: 1100 NEW YORK AVENUE, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE:
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5. 5538525
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                                                            20005
                                                              D.C.
USA
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TERRAS, FRANKY R.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        202-861-3000
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                                                                                                                                                                                                                                                                                                                    WILLEM F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 38; DB 1;
Pred. No. 28;
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                                                                                                                                                                                                                                                      STATE: D. C.
COUNTRY: U.S.A.
ZIP: 2005-3918
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.25
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/656,318A
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: KOKULIS, PAUL N.
REGISTRATION NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 9904
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
TELEFAX: 202-822-0944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 49 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                     APPLICATION NUMBER: GB 9326424.0
FILING DATE: 24-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION UMBER: PCT/GB94/02766
FILING DATE: 19-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: ECUTITS DATE:
                                                                                                                                                                                            FILING DATE: 12-JUN-
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
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PRIOR APPLICATION NUMBER: US 08/002,480
APPLICATION NUMBER: US 08/002,480
                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 1100
CITY: Washington
D. C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: OSBORN, RUPERT W.
APPLICANT: REES, SARAH B.
TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
NUMBER OF SEQUENCES: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 04-JAN-1993
ATTORNEY/AGENT INFORMATION:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/377,687
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
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NAME: KOKULIS, PAUL N. REGISTRATION NUMBER: 16, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
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OSBORN, RUPERT W.
REES, SARAH B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1100 New York Avenue, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BROEKAERT, WILLEM F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CUSHMAN DARBY & CUSHMAN Intellectual Property Group of PILLSBURY MADISON & SUTRO LLP
                                                                                                                                                                                                                                     12-JUN-1996
                  16,773
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     24:
224199/SEE37925/UST
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INFORMATION FOR SEQ ID NO:

(202)

822-0944

(202) 861-3075

TELECOMMUNICATION INFORMATION:

FELEPHONE:

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; LENGTH: 49 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-777-192-15
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US-08-777-192-15
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Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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LENGTH: 49 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                   TELEFAX: 202-822-0944
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/002,480
FILING DATE: 04-JAN-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN DARBY & CUSHMAN
STREET: 1100 NEW YORK AVENUE, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                NAME: KOKULIS, PAUL N.
REGISTRATION NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 99042/SEE.36525/US/A
RELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/777,192
                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LICANT: TERRAS, FRANKY R.G.
LICANT: VANDERLEYDEN, JOZEF
LE OF INVENTION: BIOCIDAL PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         24 CRNWESAKHGAC 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Similarity
5; Conserv
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   51.4%;
41.7%;
                                                                                                                                                                      15:
   Score 38;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 38; DB 1; Length 49; Pred. No. 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
   DB 2;
28;
                 Length 49;
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US-08-777-192-24
                                                                                                                                                                                                                             Best Local
Matches
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                                                                           Patent No.
                                                                                                                                                                                                                                                           Query Match
                                          GENERAL INFORMATION: APPLICANT: BROEKA
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APPLICANT: BROEKA
                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 49 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 01
FILING DATE: 04-JAN-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM FO-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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APPLICANT:
                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 202-861-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: TERRAS, FRANKY R.G.
APPLICANT: VANDERLEYDEN, JOZEF
TITLE OF INVENTION: BIOCIDAL PROTEINS
NUMBER OF SEQUENCES: 59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ent No.
                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNESS: sir
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: KOKULIS, PAUL N.
REGISTRATION NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: D.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ITY: WASHINGTON
                                                                                                                                                                    24 CRIWESAKHGAC 35
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5; Conserva
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                                                                                        Application US/08956459
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                                                                                                                                                                                                                                                                                                                                                                     49 amino acids
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CAMMUE, BRUNO P.A.
OSBORN, RUPERT W.
REES, SARAH B.
BROEKAERT, WILLEM F.
CAMMUE, BRUNO P.A.
OSBORN, RUPERT W.
REES, SARAH B.
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                                                                                                                                                                                                                                                                                                                                   single
                                                                                                                                                                                                                                              51.4%;
41.7%;
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Pred. No. 28;
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RESULT 15
US-08-971-982-15
: Sequence 15, Application US/08971982
: Patent No. 6187904
; GENERAL INFORMATION:
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; ORIGINAL SOURCE:
; ORGANISM: Cb-AMP1
US-08-956-459-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: ISM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/956,459
FILING DATE: 22-OCT-1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/656,318
FILING DATE: 12-UTN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB94/02766
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9326424.0
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9326424.0
PRILING DATE: 24-DEC-1993
INFORMATION FOR SEQ ID NO: 7.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 51.4%;
Best Local Similarity 41.7%;
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 49 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A.
ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: ANTIMICROBIAL PROTEINS NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS: PILLSBURY MADISON & SUTRO LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 1100 New CITY: Washington STATE: D.C.
ZIP: 20005

COMPUTER READABLE FORM:

COMPUTER: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSES: CUSHMAN DARBY & CUSHMAN STREET: 1100 NEW YORK AVENUE, N.W. CITY: WASHINGTON
STATE: D.C.
                                                                                                                                                                                                                                                                                     CAMMUE, BRUNO P.A.
OSBORN, RUPERT W.
REES, SARAH B.
TERRAS, FRANKY R.G.
VANDERLEYDEN, JOZEF
TITLE OF INVENTION: BIOCIDAL PROTEINS
NUMBER OF SEQUENCES: 59
                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: BROEKAERT, WILLEM F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       24 CRNWESAKHGAC 35
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                                                                                                                                                       COUNTRY: USA
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Pred. No. 28;
3; Mismatches 4; Indels
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; SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-08-971-982-15
Search completed: March 1, 2004, 16:59:08 Job time: 19.7317 secs
                                                                                                                                                             Matches
                                                                                                                                                                                   Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                            NAME: KOKULIS, PAUL N.
REGISTRATION NUMBER: 16,773
REFERENCE/DOKET NUMBER: 99042/SEE.36525/US/A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
TELEPHONE: 202-862-3044
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                         y Match 51.4%;
Local Similarity 41.7%;
nes 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 08/002,480 FILING DATE: 04-JAN-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/971,982
FILING DATE: 17-No. 6187904-1997
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
                                                                                24 CRNWESAKHGAC 35
                                                                                                                     1 CRSWNKADNRSC 12
                                                                                                                                                                                                                                                                                                                     LENGTH: 49 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
                                                                                                                                                                                Score 38; DH
Pred. No. 28;
                                                                                                                                                           Mismatches
                                                                                                                                                                                                 DB 3;
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Result
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Perfect score:
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seq length: 2000000000
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74
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Published Applications AA:*

1: /cgn2_6/ptcdata///pubpaa/US07_PUBCOMB.pep:

2: /cgn2_6/ptcdata///pubpaa/US06_NEW_PUB.pep:

3: /cgn2_6/ptcdata///pubpaa/US06_NEW_PUB.pep:
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Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*
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_6/ptodata/1/pubpaa/US07_I
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66.594 Million cell updates/sec
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US-09-782-650-5
US-09-910-582B-10
US-09-864-408A-3022
US-10-178-449A-35
US-10-178-449A-37
US-10-178-449A-38
US-10-101-464A-769
US-10-101-464A-769
US-10-080-170-459
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US-10-101-464A-931
US-10-101-464A-931
US-10-292-793-6945
US-10-302-793-6945
US-10-303-493-6945
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                        Sequence 5, Appli
Sequence 10, Appl
Sequence 3022, Appl
Sequence 35, Appl
Sequence 37, Appl
Sequence 30, Appl
Sequence 30, Appl
Sequence 769, App
Sequence 789, App
Sequence 459, App
Sequence 459, App
Sequence 931, App
Sequence 931, App
Sequence 931, App
Sequence 931, App
Sequence 6945, App
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US-09-782-650-5

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equence 230,	Sequence 230, App	equence 230,	equence 44,	equence 277,	equence 5213	equence 6, F	equence 33	quence 335	u H	equence 22	equence 49	equence 60,	equence 24,	15,	equence 41	quence 445,	equence 928,	õ	,										

ALIGNMENTS

```
Sequence 5, Application US/09782650
; Patent No. US202019350A1
; GENERAL INFORMATION:
APPLICANT: Levine, Arnold J.
APPLICANT: Mitterer, Artur
APPLICANT: Mitterer, Artur
APPLICANT: Mitterer, Artur
APPLICANT: Scheifilinger, Friedrich
APPLICANT: Scheifilinger, Friedrich
APPLICANT: Scheifilinger, Friedrich
APPLICANT: Edwards LifeSciences Corporation
TITLE OF INVENTION: Targeted Angiogenesis
FILE REFERENCE: 205530-000611US
CURRENT APPLICATION NUMBER: US/09/782,650
CURRENT APPLICATION NUMBER: US 09/324,079
PRIOR APPLICATION NUMBER: US 09/327,045
PRIOR APPLICATION NUMBER: US 09/327,045
PRIOR APPLICATION NUMBER: POT/US00/14988
PRIOR FILING DATE: 1999-06-07
PRIOR APPLICATION NUMBER: POT/US00/14988
PRIOR FILING DATE: 2000-05-31
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
LENGTH: 12
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
COTHER INFORMATION: molecule
US-09-782-650-5

QUETY Match
Dest Local Similarity 100.0%; Score 74; DB 9; Length 12;
Best Local Similarity 100.0%; Pred. No. 5.5e-05;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

| CRSWNKADNRSC 12
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CRSWNKADNRSC

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APPLICANT: MucSelahti, Erkki
APPLICANT: MacKenna, Deidre A.
TITLE OF INVENTION: Heart Homing Conjugates
FILE REFERENCE: P-LJ 4857
CURRENT APPLICATION NUMBER: US/09/910,582B
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: US 09/326,718
PRIOR FILING DATE: 1999-06-07
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 12
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                      RESULT 4
US-10-178-449A-35
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                                                                                                                                                                                                                                                                                                                ; ORGANISM: Homo sapiens US-09-864-408A-3022
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US-09-864-408A-3022
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Best Local Similarity
Matches 12; Conserva
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                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/864,408A CURRENT FILING DATE: 2001-05-24 PRIOR APPLICATION NUMBER: 60/206,690 PRIOR FILING DATE: 2000-05-24 NUMBER OF SEQ ID NOS: 9068 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 3022.

LENGTH: 101
TYPE: DEM
Sequence 35, Application US/10178449A
publication No. US20030140368A1
GENERAL INFORMATION:
APPLICANT: Famodu, Omolayo O.
APPLICANT: Herrmann, Rafael
APPLICANT: Lu, Albert L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 3022, Application US/09864408A Publication No. US20040009474A1 GENERAL INFORMATION:
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Publication No. US20030045476A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                 Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Leach, Martin D.
APPLICANT: Shimkets, Richard A.
APPLICANT: Shimkets, Richard A.
TITLE OF INVENTION: No. US20040009474A1el Human Polynucleotides and Polypeptides Enco
FILE REFERENCE: 21402-012
FILE REFERENCE: 21402-012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
OTHER INFORMATION: synthetic construct
                                                                                                                                                                                                                                     62.2%;
Local Similarity 63.6%;
les 7; Conservation
                                                                                                                                                                            23
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                                                                                                                                                                                                                                                               Score 46; DB 11;
Pred. No. 7.6;
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Pred. No. 5.5e-05;
No. Mismatches 0;
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                                                                                                                                                                                                                                                                               Length 101;
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US-10-178-449A-37
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SOFTWARE: Fast
SEQ ID NO 35
FRIGTH: 51
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Matches
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   CRSWEHAQHGAC 60
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; ORGANISM: Picramnia pentandra
US-10-178-449A-35
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Weng, Luc
TITLE OF INVENTION: Plant Defensins
TITLE REFERENCE: 35718/249123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/178,449A
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: US 10/030,516
PRIOR FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: PCT/US00/11952
PRIOR FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: US 60/133,039
PRIOR FILING DATE: 1099-05-07
                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 10/030,516
PRIOR FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: PCT/US00/11952
PRIOR FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: US 60/133,039
PRIOR FILING DATE: 1999-05-07
                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 35718/249123
CURRENT APPLICATION NUMBER: US/10/178,449A
CURRENT FILING DATE: 2002-06-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Famodu, APPLICANT: Herrma
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                                                                                                                               FEATURE:
OTHER INFORMATION: Synthetic version of Picramnia pentandra mature
OTHER INFORMATION: peptide with a barley alpha amylase signal peptide
                                                                                                                                                                                 LENGTH: 75
TYPE: PRT
ORGANISM: Artificial Sequence
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                                      6; Conserv
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CRSWNKADNRSC 12
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Rafalski, Jan antoni
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McCutchen, Billy Fred
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Rafalski, Jan antoni
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                                                         50.0%;
                                      Score 41; DB
Pred. No. 34;
2; Mismatches
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Pred. No.
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                                                           DB 14; Length 75; 34;
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ESULT 6 S-10-178-449A-8

Sequence 8, Application US/10178449A Publication No. US20030140368A1

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US-10-178-449A-30
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                                   SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 30
LENGTH: 110
TYPE: PRT
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Matches 6; Conserv
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                                                                                                                         PRIOR APPLICATION NUMBER: PCT/US00/11952
PRIOR FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: US 60/133,039
PRIOR FILING DATE: 1999-05-07
NUMBER OF SEQ ID NOS: 51
ORGANISM: Picramnia pentandra
10-178-449A-30
                                                                                                                                                                                                                              FILE REFERENCE: 35718/249123
CURRENT APPLICATION NUMBER: US/10/178,449A
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: US 10/030,516
RRIOR FILING DATE: 2000-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Famodu, Omolayo O.
APPLICANT: Herrmann, Rafael
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SOFTWARE: FastSEQ for Windows Version 4.0
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PRIOR APPLICATION NUMBER: US 60/133,039
PRIOR FILING DATE: 1999-05-07
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FILE REFERENCE: 35/18/249123
CURRENT APPLICATION NUMBER: US/10/178,449A
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: US 10/030,516
PRIOR APPLICATION NUMBER: DT/US00/11952
PRIOR APPLICATION NUMBER: PCT/US00/11952
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ORGANISM: Picramnia pentandra
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APPLICANT: Herrmann, Rafael
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Rafalski, Jan antoni
Wara 7.3-
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McCutchen, Billy Fred
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Rafalski, Jan antoni
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Pred. No.
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SOFTWARE: Fas
SEQ ID NO 769
                                                                                                                                                             NUMBER OF SEQ ID NOS: 324
SOFTWARE: FAStSEQ for Windows Version 4.0
SEQ ID NO 28
LENGTH: 236
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Matches
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Query Match
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                                                                                                                                                                                                                                                                        APPLICANT: Graff, Jonathon M.
APPLICANT: Muenster, Matthew
TITLE OF INVENTION: METHODS TO IDENTIFY SIGNAL SEQUENCES
FILE REFERENCE: A34943 090495.0243
CURRENT APPLICATION NUMBER: US/10/002,631C
CURRENT FILING DATE: 2001-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/101,464A
CURRENT FILING DATE: 2002-03-18
PRIOR APPLICATION UNMBER: 09/704,302
PRIOR FILING DATE: 2000-11-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Higgins, Colleen M.
TITLE OF INVENTION: Compositions Isolated from Plant Cells
TITLE OF INVENTION: and Their Use in the Modification of
                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/300,309
PRIOR FILING DATE: 2001-06-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/162,866
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2000-11-01
PRIOR APPLICATION NUMBER: 09/228,986
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               equence 769, Application US/10101464A ablication No. US20030046728A1
                                                    LOCATION: (1)...(93)
OTHER INFORMATION: X
                                                                                                                          TYPE: PRT
ORGANISM: Homo sapiens
                                                                                         NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Pinus radiata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
les 6; Conserv
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Similarity 50.0%;
6; Conservative
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                                                                                         UNSURE
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Nieuwenhuizen, Nicolaas
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                                                    Xaa = any amino acid
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55.4%;
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Score 41;
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Pred. No. 71;
 DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 14; Length 170;
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14;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0,
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Best Local

Similarity

50.0%;

Pred. No. 96;

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FITTLE OF INVENITION: ALL PRICE OF SEQ ID NO. 1020c2

CURRENT APPLICATION NUMBER: US/10/101,464A

CURRENT FILING DATE: 2002-03-18

PRIOR APPLICATION NUMBER: 09/704,302

PRIOR FILING DATE: 2000-11-01

PRIOR APPLICATION NUMBER: 09/228,986

PRIOR FILING DATE: 1999-01-12

PRIOR APPLICATION NUMBER: 60/162,866

PRIOR PRILING DATE: 1999-11-01

PRIOR APPLICATION NUMBER: PCT/US00/00724

PRIOR FILING DATE: 1999-11-01

PRIOR FILING DATE: 2000-01-11

NUMBER OF SEQ ID NOS: 989

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 931

LENGTH: 998

TYPE: PRT

CDCANTSM: Pinis radiata
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US-10-101-464A-931
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APPLICANT: COLE, S.T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 931, Applic Publication No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 459
LENGTH: 262
Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/080,170
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: 60/270,123
PRIOR FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Nieuwenhuizen, Nico.
APPLICANT: Higgins, Colleen M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENOMICS AS A TOOL FOR TITLE OF INVENTION: IDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAXIS OR TITLE OF INVENTION: TREATMENT OF MYCOBACTERIOSES FILE REFERENCE: 03495.0218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     IIILE OF INVENTION: Compositions Isolated from Plant Cells
IIILE OF INVENTION: and Their Use in the Modification of Plant Cell Signaling
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Strabala, Timothy
                                                     FEATURE:
NAME/KEY: VARIANT
LOCATION: (1)...(998)
OTHER INFORMATION: Xaa = Any Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RSWKRFDNRS 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/10101464A
o. US20030046728A1
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5. US20030129601A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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70.0%;
  55.4%;
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Pred. No. 1.1e+02;
1; Mismatches 2; Indels
  Score
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  41;
  BB
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                                                                                                                                       ; ORGANISM: Homo sapiens US-10-292-798-1296
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 13
US-10-292-798-1296
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US-10-017-161-1624
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                                                                                                                                                                     SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1296
LENGTH: 1063
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1624
LENGTH: 1063
                                                                                    Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 54.5%; Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                              APPLICANT: SUWA, MAKIKO
APPLICANT: ASAI, KIYOSHI
APPLICANT: AKIYAMA, YUTAKA
APPLICANT: ABURATANI, HIROYUKI
TITLE OF INVENTION: GUANOSINE TRIPHOSPHATE-BINDING PROTEIN COUPLED RECEPTORS
FILE REFERENCE: 084335/166
                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: JP 2001-246789
PRIOR FILING DATE: 2001-06-18
NUMBER OF SEQ ID NOS: 2070
                                                                                                                                                                                                                                                                                            FILE REFERENCE: 084335/166
CURRENT APPLICATION NUMBER: US/10/292,798
CURRENT FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: 10/017,161
PRIOR FILING DATE: 2001-12-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: ABURATANI, HIROYUKI
TITLE OF INVENTION: NOVEL G PROTEIN-COUPLED RECEPTORS
FILE REFERENCE: 084335/0152
CURRENT APPLICATION NUMBER: US/10/017,161
CURRENT FILING DATE: 2002-12-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: JP 2001/246789 PRIOR FILING DATE: 2001-06-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: SUWA, MAKIKO
APPLICANT: ASAI, KIYOSHI
APPLICANT: AKIYAMA, YUTAKA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 2430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 1
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local
                                                                                    ocal Similarity
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551 CLGWGRAKNSSC 562
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                                                                   6,
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                                 CRSWNKADNRSC 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLGWGRAKNSSC 562
                                                                     Conservative
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                                                                                    50.0%;
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Pred. No.
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                                                                                    Score 41; DB 15;
Pred. No. 3.8e+02;
                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
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                                                                                                   Length 1063;
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APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILE REFERENCE: 38-10(52052)B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT APPLICATION NUMBER: US 60/360,039
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 6945
LENGTH: 497
TYPE: PRT
                                                                                                            APPLICANT: Weng, Zude
TITLE OF INVENTION: Plant Defensins
FILE REFERENCE: 35718/249123
CURRENT APPLICATION NUMBER: US/10/178,449A
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: US 10/030,516
PRIOR PILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: PCT/US00/11952
PRIOR APPLICATION NUMBER: US 60/133,039
PRIOR APPLICATION NUMBER: US 60/133,039
PRIOR APPLICATION NUMBER: US 60/133,039
PRIOR PILING DATE: 1999-05-07
NUMBER OF SEQ ID NOS: 51
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 6
LENGTH: 49
TYPE: PRT
ORGANISM: Picramnia pentandra
FEATURE:
NAME/KEY: VARIANT
LOCATION: 8, 22, 32, 47
OTHER INFORMATION: Xaa = Any Amino Acid
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US-10-369-493-6945
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US-10-178-449A-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Caenorhabditis elegans US-10-369-493-6945
                                                                                                   US-10-178-449A-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Famodu, Or
APPLICANT: Herrman;
APPLICANT: Lu, Albe;
APPLICANT: McCutche;
APPLICANT: Miao, Gu
Query Match 52.7%;
Best Local Similarity 41.7%;
Matches 5; Conservative
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Best Local :
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hes 8; Conservative
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Herrmann, Rafael
Lu, Albert L.
McCutchen, Billy Fred
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    McCutchen, Bi.
Miao, Guo-Hua
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Presnail, James K.
Rafalski, Jan antoni
         Mismatches
                          Score 39; DB 14; Length 49; Pred. No. 47;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 40; DB 15; Length 497; Pred. No. 2.7e+02; 1; Mismatches 2; Indels
         Indels
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         Gaps
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Search completed: March 1, 2004, 17:16:47 Job time: 39.0488 secs